LEROY® LETTERING EQUIPMENT

Catalog 6

Keuffel & Esser Company

PIVOT POINT
OPQRSTUVW
ERTICAL TOP
OPERAT
HIJKLMNO
ILLUSTR
KEUFFEL
TOLERANCE
300Ω
SENSITIVITY ADJUST
LEROY
ABCDEFGHIJKLMNO
lettering ink
qrstu
NOPQRSTUV

K+E Catalog 6

Additional catalogs covering the K&E product line are available from the Keuffel & Esser Company, Morristown, N.J., or from the nearest K&E Branch or Dealer.

No.	
1	Drafting Media
2b	Photo Products
2c	Diazo Products
3	STABILENE® Stable Base Materials
4	Graphic Charting and Digital Plotter Media
5	Drawing Instruments and Drafting Supplies
6	LEROY® Lettering Equipment
7	Drafting Machines and Drafting Room Furniture
9	Optical Alignment Equipment
10a	Surveying Instruments
10b	Electronic Distance Measuring Equipment
10c	Electronic Surveying Systems
11	Field Equipment
12	Measuring Tapes

Established in 1867, K&E first published a catalog in 1868.

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K&E assumes no responsibility for any inconvenience, loss, injury, or direct or consequential damage arising from the possession or use of the goods.

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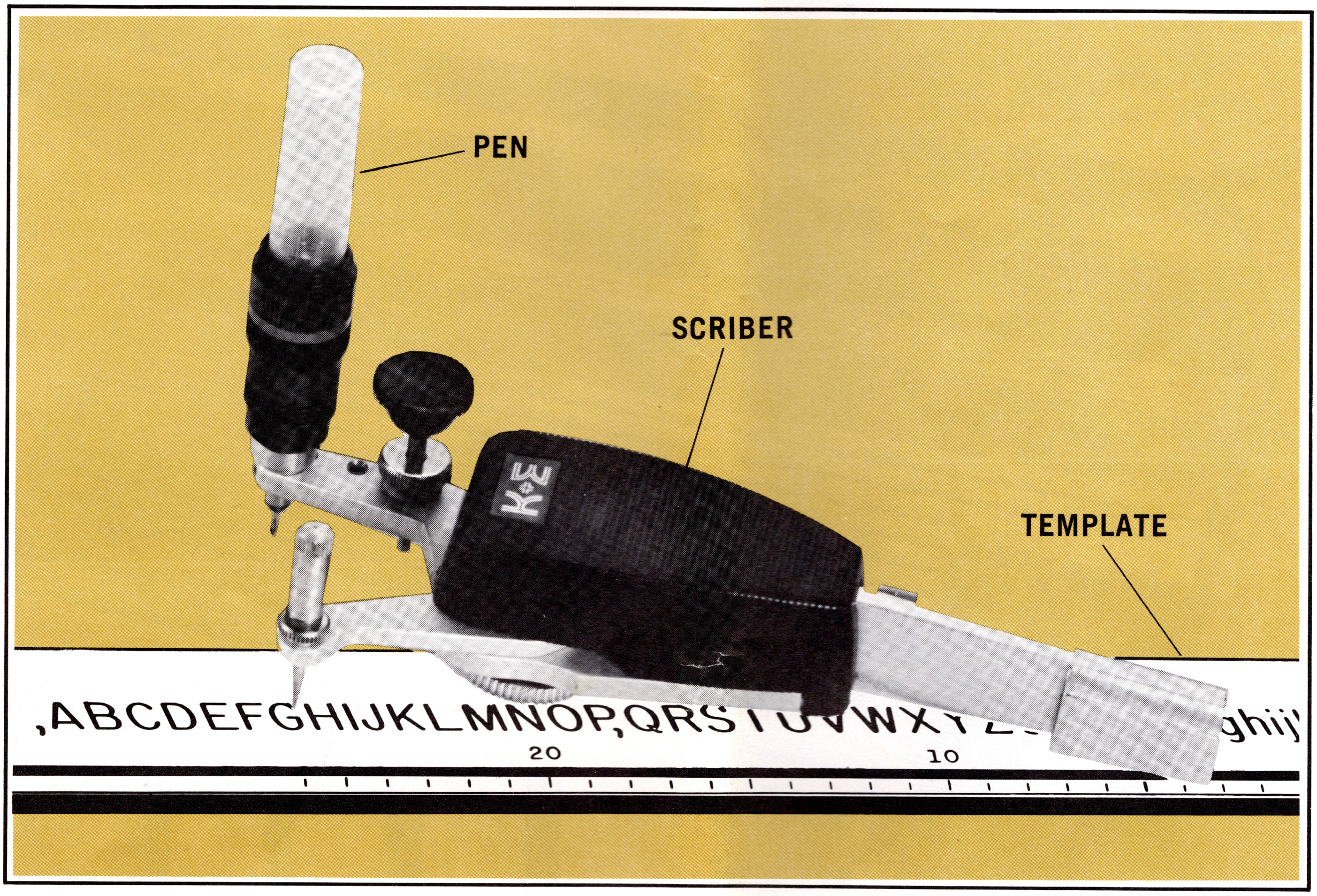
LEROY® Lettering Equipment



One of the draftsman's most useful tools is the lettering set, with which perfect lettering can be made easily and rapidly. Of all lettering equipment, the brand with the broadest scope is LEROY Lettering and Symbol Drawing Equipment.

LEROY is preferred because it is the lettering equipment that is most useful, highest in quality, and most efficient to use. LEROY gives you:

Utility — A great variety of lettering styles, alphabets, and symbols are available in a wide range of sizes and thicknesses.

Quality — LEROY products reflect proven K&E craftsmanship and quality of materials. LEROY Lettering and Symbol Drawing Equipment is precision engineered in every detail. And your LEROY equipment will give you years of steady service.

Convenience — Designed by K&E for utmost simplicity of operation, LEROY lettering needs no special skill or technique to produce perfect neatness and uniformity in the work.

Leroy Lettering is as simple as this...

You need only three basic items. This is how to use them.

1. **LEROY Template** — Choose the template with the size and style of lettering you want. (There are many styles and sizes of alphabets, as well as graphical symbols. Also, templates can be made specially for you to your own design.) Lay it along your straightedge.

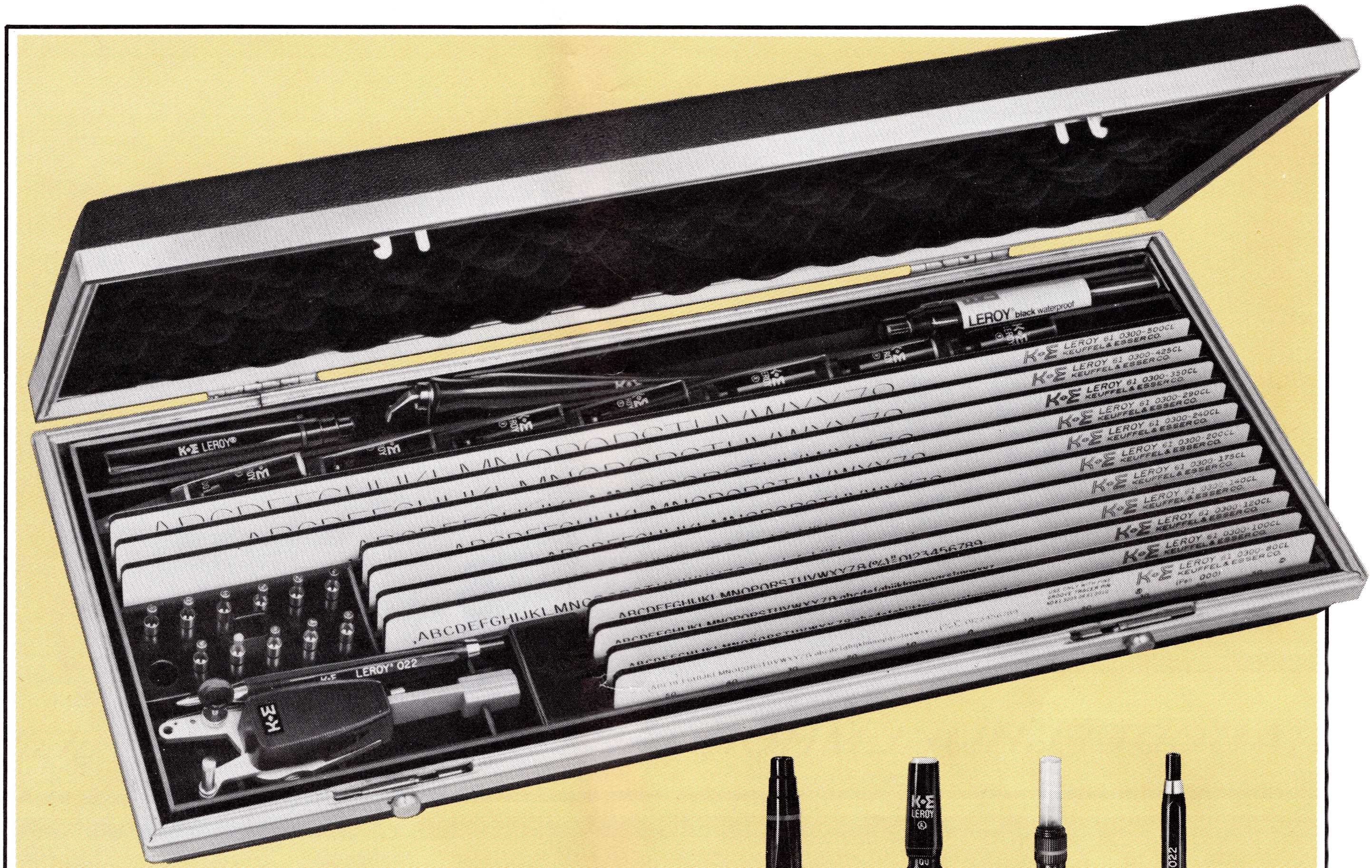
2. **LEROY Pen or Pencil**

LEROY Pen — Choose the type of pen (Reservoir or Standard) with the width that best suits the job you are doing. Set the pen in the socket in the upper arm of the scriber.

LEROY Pencil — For pencil lettering work, you can use either the LEROY "022" Pencil or the LEROY Lead Clutch that holds any regular draftsmen's lead. Both work with all LEROY scribers.

3. **LEROY Scriber** — Set the tail pin of the scriber in the straight guide groove of the template. With the tracer pin of the scriber simply trace the engraved letters on the template. The pen reproduces the letter or symbol in full view, above the template.

LEROY® Standard Lettering Sets

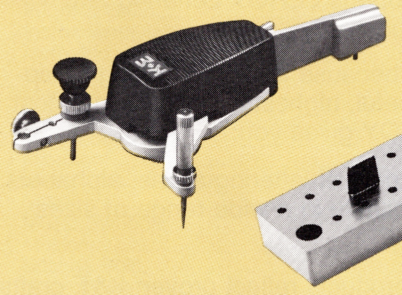

LEROY black waterproof
K+E LEROY
LEROY 022
K+E

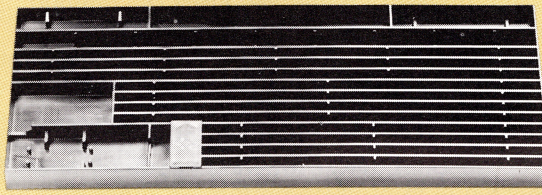
LEROY Lettering Sets have a protective case made of tough formed plastic, metal reinforced. The case resists moisture, warping and dust. Inside lid is foam covered to keep contents from moving inside case.

Features of LEROY Sets

- One-piece removable tray holds contents in minimum space.
- Removable pen block for holding eleven standard pens.
- Scriber with thumbscrew for point changing, and lever-operated leg that holds pen point off paper when not in use.
- Pen Holder for using Reservoir Pens with straightedges, curves, etc.
- Reservoir Pen storage for eight pens.
- Slanted template storage for easy selection at a glance.

K+E LEROY
K+E LEROY
LEROY 022 K+E





STANDARD LETTERING SETS WITH CAPITAL AND LOWER CASE LETTERS AND NUMERALS

All sets contain 61 0004 Adjustable Scriber, 61 0198 "022" Pencil with leads, 61 0055 Reservoir Pen Holder, 61 3075 Standard Pen Holder, 58 0005 Ink Cartridge.

The five sets listed below are furnished in the same basic size plastic case. The smaller sets have empty spaces for additional pens and templates.

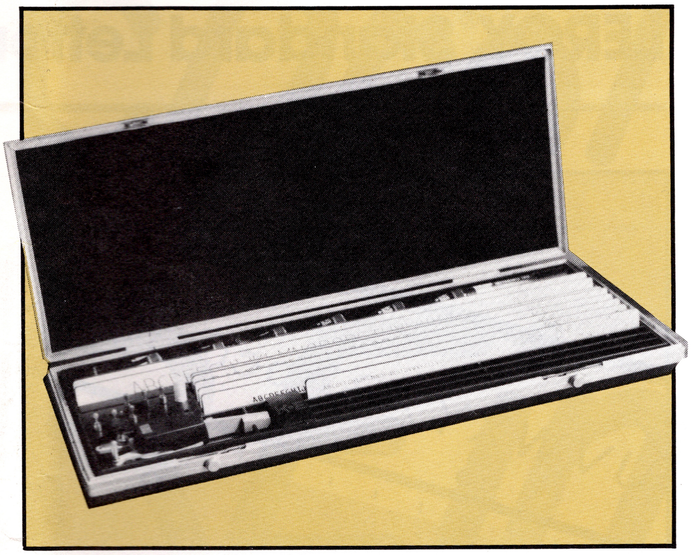
See chart below. A mark under the set number indicates that one each of the listed template and pen is included in the set.

61 2901 LEROY Set — 11 templates, 11 standard pens, 7 reservoir pens.
61 2906 LEROY Set — 8 templates, 10 standard pens, 7 reservoir pens.
61 2911 LEROY Set — 5 templates, 5 standard pens, 5 reservoir pens.
61 2916 LEROY Set — 6 templates, 6 standard pens, 6 reservoir pens.
61 2921 LEROY Set — 3 templates, 3 standard pens, 2 reservoir pens.

Product No.	Set No. **61 2901**	Set No. **61 2906**	Set No. **61 2911**	Set No. **61 2916**	Set No. **61 2921**
Templates **61 0300 - 80CL**	●				
100CL	●	●		●	●
120CL	●	●		●	
140CL	●	●	●	●	●
175CL	●	●	●	●	
200CL	●	●		●	
240CL	●	●	●	●	●
290CL	●				
350CL	●	●	●		
425CL	●				
500CL	●	●	●		
Standard Pens **61 0070 - 000**	●				
00	●	●		●	●
0	●	●		●	
1	●	●	●	●	●
2	●	●	●	●	
3	●	●	●	●	●
4	●	●	●	●	
5	●	●			
6	●	●	●		
7	●	●			
8	●	●			
Reservoir Pens **61 0051 - 00**	●	●		●	●
0	●	●		●	
1	●	●	●	●	●
2	●	●	●	●	
3	●	●	●	●	
4	●	●	●	●	
5	●	●	●		

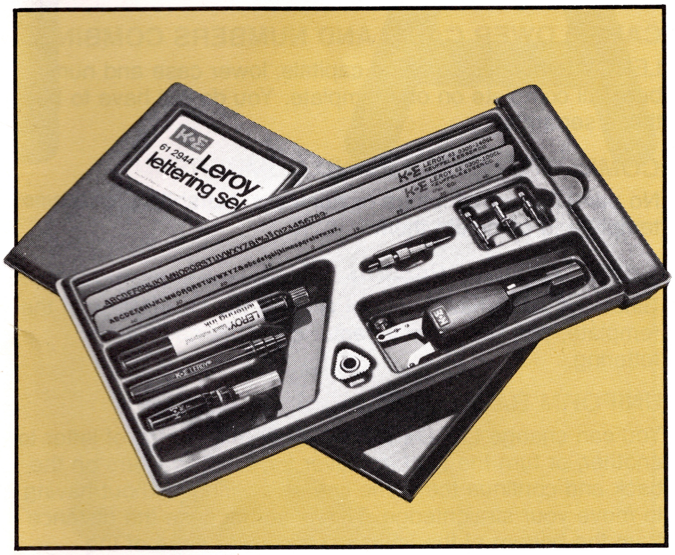
See page 28 for Metric Sets.

MICROFONT LETTERING SET



61 2942 LEROY Microfont Set — Microfont is a special lettering style capable of maintaining maximum clarity and legibility at extreme reduction and enlargement ratios. The set contains 8 Microfont Lettering Templates (see page 18), 6 reservoir pens, 6 standard pens (sizes 0, 1, 2, 3, 4, 5), and basic contents as listed for the Standard Sets at left.

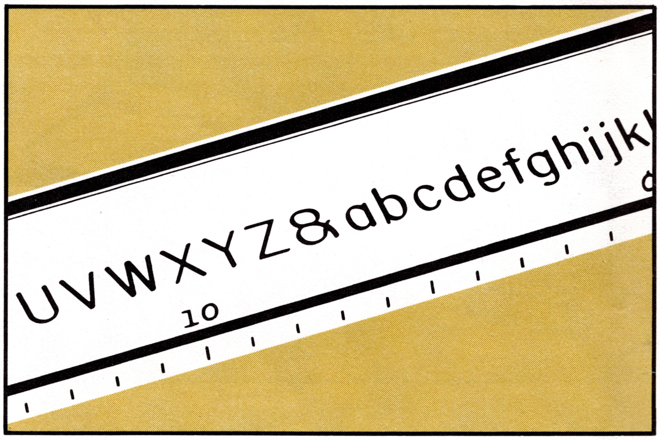
STARTER SET

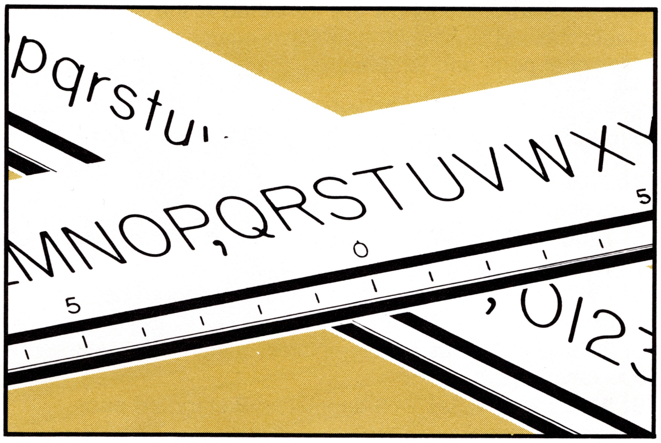


61 2944 LEROY Starter Set — Contains the basic components needed to get started with controlled lettering without having to make a major investment.

Packaged in a convenient two-piece slide-pak, the set contains:
1 Adjustable Scriber No. 61 0004
2 Lettering Templates Nos. 61 0300-100CL, -140CL
2 Standard Lettering Pens Nos. 61 0070-00, -1
1 Reservoir Pen No. 61 0051-00
1 Reservoir Pen Holder No. 61 0055
1 Pencil Lead Clutch No. 61 0210
1 Ink Cartridge No. 58 0005
1 Template Positioning Guide

LEROY® Standard Lettering Templates





CONSTRUCTION

LEROY templates are made of twelve layers of special plastic material, thick and heavy enough to resist warping and distortion. The outside layers are white and the middle layer black, permanently laminated together for extra strength and stability. The characters are engraved right through the outer white layer to the black middle layer. They stand out in sharp permanent black-on-white contrast. Each letter, number, and symbol is engraved complete and can be drawn complete without shifting the template.

CAPS, LOWER CASE, AND NUMBERS COMBINED

LEROY templates combine capitals, lower case and numbers, all complete on one template. You do not have to buy these separately.

COMPLETE LETTERS AND NUMBERS

No partially formed letters or numbers. No shifting of the template to complete them.

EASY LETTER SPACING

Since the scale has a central zero on the lower edge of the template, you can quickly center or space any line of lettering.

UNIFORM BASELINES

You can change LEROY templates from one size of letter to another, or turn the template over for the characters on the back and continue the same line of lettering, without having to move your straightedge. This is so because the distance from the bottom of the letters to the lower edge of the template is uniform throughout all standard and nearly all other LEROY lettering templates.

NO "EXTRAS" NEEDED

Each LEROY template has a groove on either side in which the "anchoring" tail pin of the scriber rides. No extra straightedge is needed for this.

GREAT VARIETY

LEROY templates are available in a wide variety of styles and sizes of lettering, as well as in a range of graphical symbols which are an invaluable aid in neat, consistent symbol drawing.

All lettering shown actual size

A FASTER, BETTER WAY TO LETTER ENGINEERING DRAWINGS (%)", abcd·rstuvw
ABCDEFGHIJKL:MNOPQRSTUVWXYZ& abcdefghijklmnopqrstuvwxyz 01234
Templates 50CL Pen 0000

A FASTER, *BETTER* WAY TO LETTER ENGINEERING DRAWINGS. opqrstuvwxy
ABCDEFGHIJKL:MNOP,QRSTUVWXYZ& abcdefghijklmnopqrstuvwxyz, (%)"0123456
Templates 60CL Pen 0000

A FASTER, BETTER WAY TO LETTER engineering drawings
ABCDEFGHIJKLMNOP,QRSTUVWXYZ& abcdefghijklmnopqrst
Templates 80CL Pen 000

✓
A FASTER, BETTER WAY TO LETTER (%),"= 01
ENGINEERING DRAWINGS, IS LEROY (%),"= 01
abcdefghijklmnopqrstuvwxyz *abcdefghijklmnop*
Templates 100CL Pen 00

✓
A FASTER, BETTER WAY TO LETTER 012
ENGINEERING DRAWINGS IS LEROY "= 012
a faster, better way to letter *engineering dr*
Templates 120CL Pen 0

A FASTER, BETTER WAY TO (%),"= 012
LETTER ENGINEERING DR (%),"= 012
drawings is Leroy *a faster, better*
Templates 140CL Pen 1

✓
A FASTER, BETTER(%),"= 01234
WAY TO LETTER ENGINEERIN
drawings is Leroy *a faster, be*
Templates 175CL Pen 2

A FASTER, BETTER 1234
WAY TO LETTER ENGIN
drawings is Leroy *a faster,*

Templates 200CL Pen 3

A FASTER, BETTER 34
WAY TO LETTER(%) ;="
engineering *drawing*

Templates 240CL Pen 3

A FASTER 12 *BETT*
way to letter *engin*

Templates 290CL Pen 4

A FAST 4 *BET*
a faster, *better*

Templates 350CL Pen 4

A FAS 78 *BE*
way to letter *e*

Templates 425CL Pen 5

A FAS 12 *B*
way to *letter*

Templates 500CL Pen 6

DE*S* ab

Templates 700C & 700L Pen 8

C*Dhol*

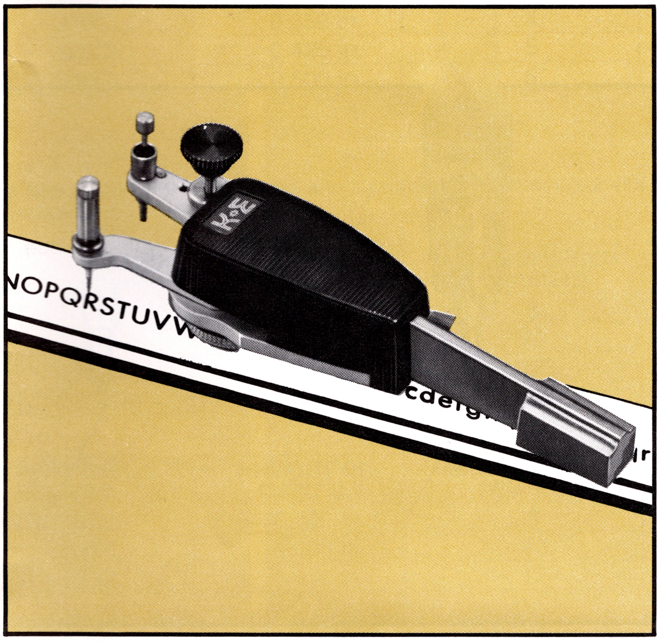
Templates 1000C & 1000L Pen 10

R*Ein*

Templates 1350C & 1350L Pen 12

PA

Template 2000C Pen 14



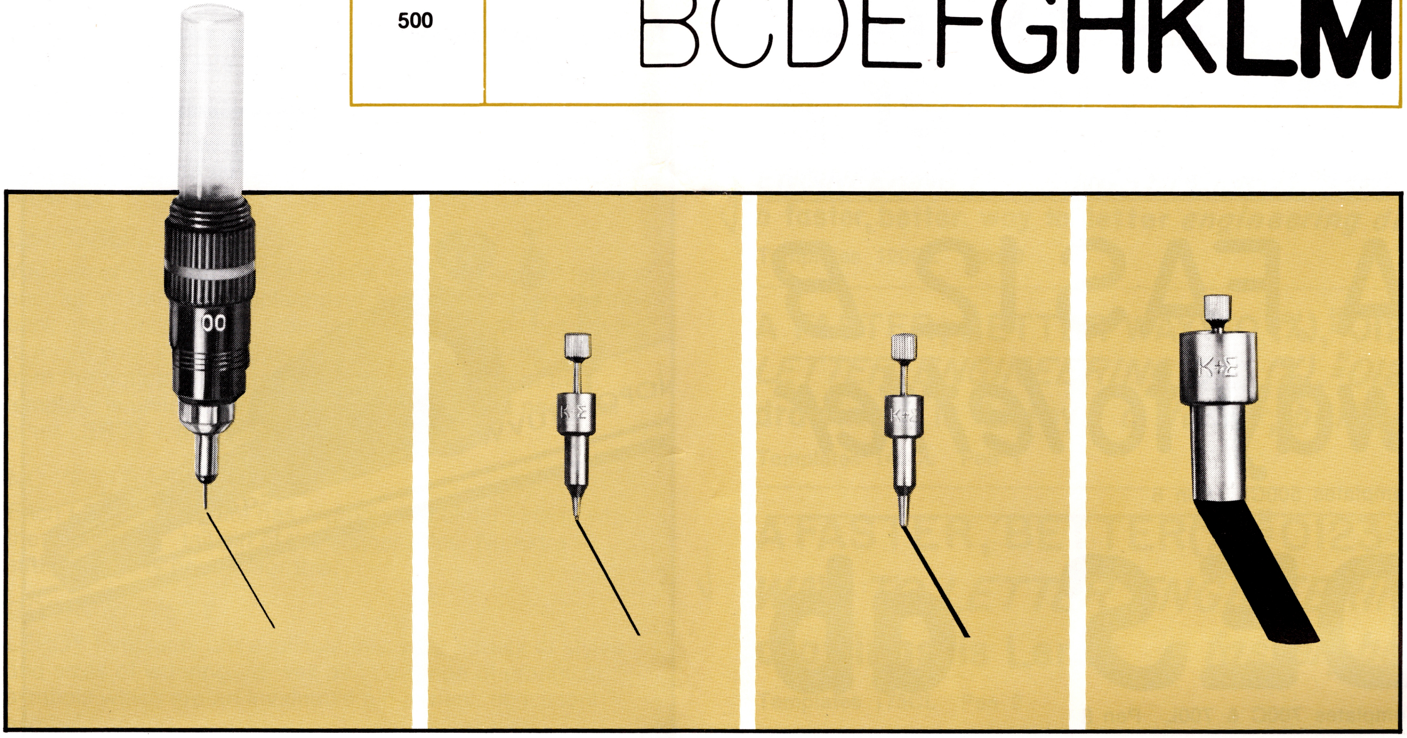
LEROY® Standard Lettering Templates

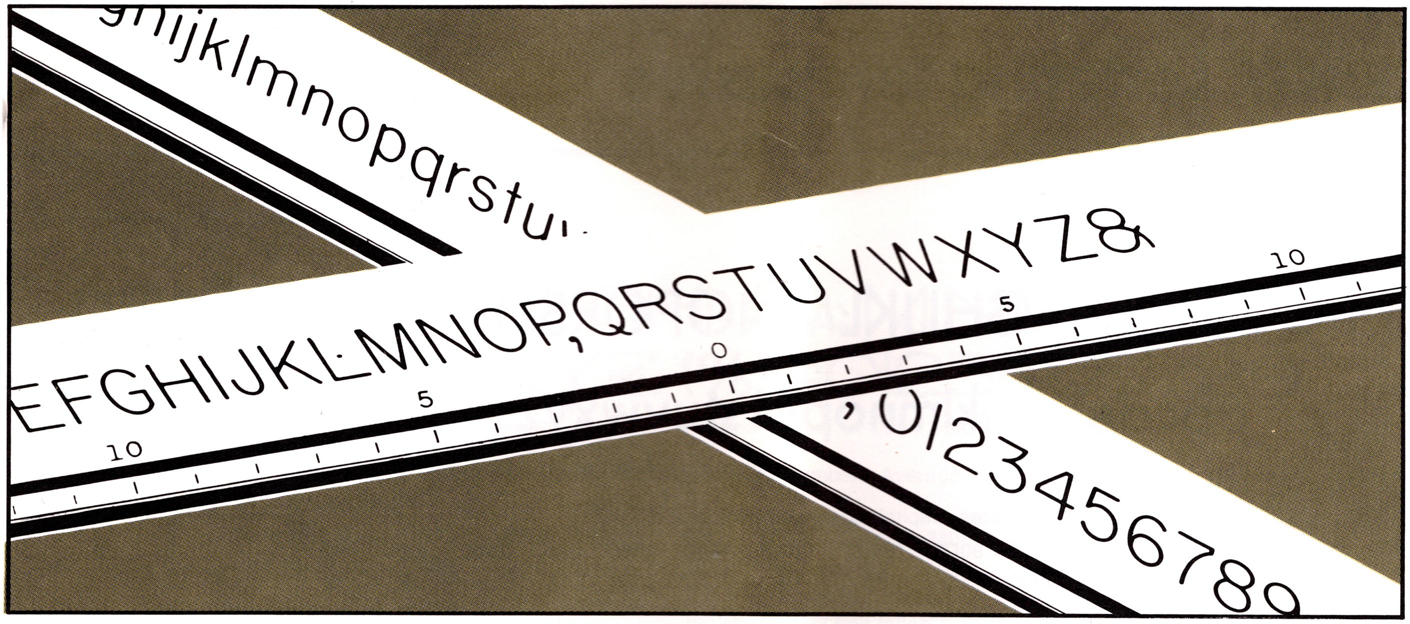
RECOMMENDED TEMPLATE & PEN COMBINATIONS IN ACTUAL SIZE

The chart shows the wide range of LEROY lettering effects that can be produced by combining various LEROY templates and pens.

* Indicates the combination of template and pen recommended for a good proportion between the thickness of stroke and the size of letter.

TEMPLATE SIZE	PEN SIZE 0000	000	✓ 00	✓ 0	✓ 1	✓ 2	✓ 3	4	5	6	7	8
50	A*											
60	A*	A	B	C								
80	A	A*	B	C								
✓ 100		A	A*	B	C	D						
✓ 120		A	B	C*	D	E						
140		A	B	C	D*	E	F					
✓ 175		A	B	C	D	E*	F	G				
200		A	B	C	D	E	F*	G	H			
✓ 240		A	B	C	D	E	F*	G	H			
290			B	C	D	E	F	G*	H	K		
350			B	C	D	E	F	G*	H	K		
425			B	C	D	E	F	G	H*	K	L	
500			B	C	D	E	F	G	H	K*	L	M



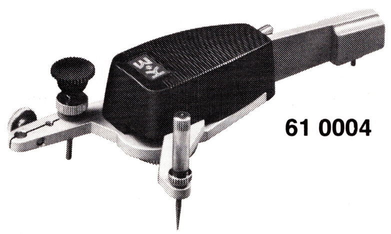


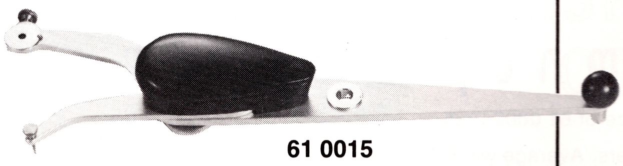
,ABCDEFGHIJKLMNOP,
QRSTUVWXYZ&

(%)‼0123456789·
abcdefghijklmnop
qrstuvwxyz Actual size of 61 0300-240CL

These templates form both vertical and slanting letters when used with Adjustable Scriber 61 0004. The height and slant of letters can also be changed by using these templates with Scriber 61 0020 (see page 25). Standard lettering templates are furnished with LEROY® Lettering Sets (see chart, page 5).

CAPITAL AND LOWER CASE LETTERS AND NUMBERS	HEIGHT OF CAPITALS	RECOMMENDED PEN SIZES
61 0300-50CL*	0.050 in.	0000
-60CL*	0.060 in.	0000
-80CL*	0.080 in.	000
-100CL	0.100 in.	00
-120CL	0.120 in.	0
-140CL	0.140 in.	1
-175CL	0.175 in.	2
-200CL	0.200 in.	3
-240CL	0.240 in.	3
-290CL	0.290 in.	4
-350CL	0.350 in.	4
-425CL	0.425 in.	5
-500CL	0.500 in.	6


61 0004


61 0015

The templates below form both vertical and slanting letters when used with Adjustable Scriber 61 0015.

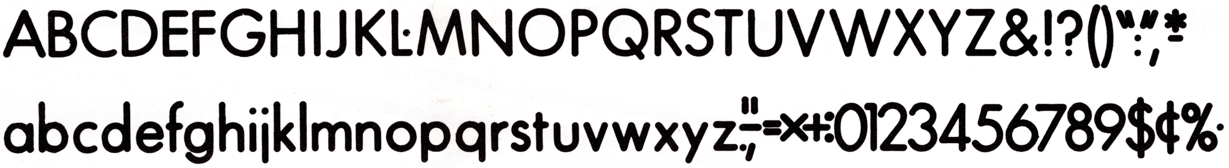
CAPITAL LETTERS AND NUMBERS	HEIGHT OF CAPITALS	RECOMMENDED PEN SIZES
61 0350-700C	0.700 in.	8
-1000C	1.000 in.	10
-1350C	1.350 in.	12
-2000C†	2.000 in.	14

LOWER CASE LETTERS	HEIGHT OF CAPITALS	RECOMMENDED PEN SIZES
61 0400-700L	0.700 in.	8
-1000L	1.000 in.	10
-1350L	1.350 in.	12

*Use only with Fine Groove Tracer Pin. †This template consists of two sections.

LEROY® Lettering Templates

MODERN


ABCDEFGHIJKL·MNOPQRSTUVWXYZ&!?()":,*
abcdefghijklmnopqrstuvwxyz.;"-=×+:0123456789$¢%·

Actual size of 61 0500-240CL

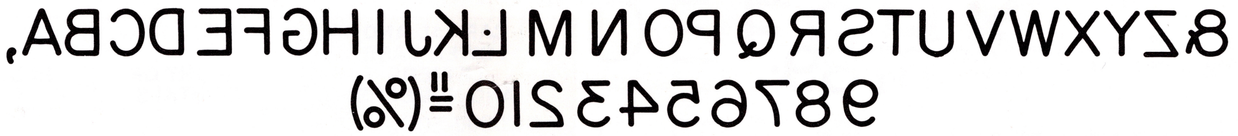
61 0450 Modern Templates–Capital letters and numbers.

Template sizes–	**60C***	**80C***	**100C***	**120C***	**160C**	**200C**	**240C**	**320C**	**400C**	**480C**
Pen sizes–	0000	000	00	0	1	2	3	4	5	6

61 0500 Modern Templates–Capital and lower case letters and numbers.

Template sizes–	**60CL***	**80CL***	**100CL***	**120CL***	**160CL**	**200CL**	**240CL**	**320CL**	**400CL**	**480CL**
Pen sizes–	0000	000	00	0	1	2	3	4	5	6

REVERSED GOTHIC

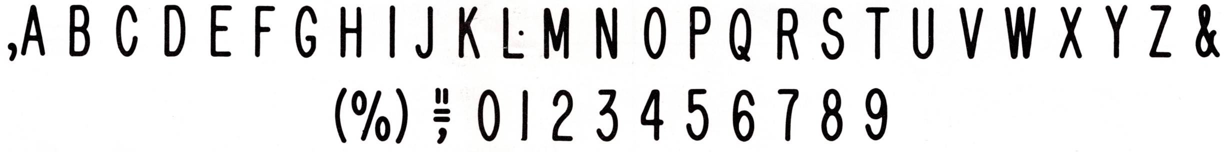


Actual size of 61 0550-240C

61 0550 Reversed Gothic Templates–Capital letters and numbers in same sizes as Standard LEROY Lettering. Recommended for lettering on the back of tracings, on photographic negatives or wherever reversed writing is required.

Template sizes–	**80C***	**100C**	**120C**	**140C**	**175C**	**200C**	**240C**	**290C**	**350C**	**425C**	**500C**
Pen sizes–	000	00	0	1	2	3	3	4	4	5	6

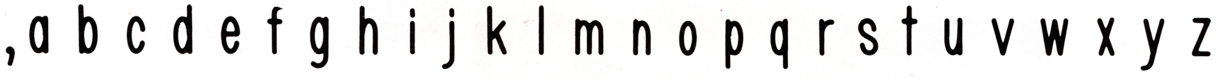
CONDENSED GOTHIC



Actual size of 61 0600-240C

61 0600 Condensed Gothic Templates–Capital letters and numbers. Average width of lettering is about 3/5 that of standard LEROY Lettering.

Template sizes–	**80C***	**100C***	**120C***	**140C***	**175C***	**200C**	**240C**	**290C**	**350C**	**425C**	**500C**	**700C‡**	**1000C‡**	**1350C‡**	**2000C‡**
Pen sizes–	0000	0000	000	00	0	1	1	2	2	3	4	7	8	10	12



Actual size of 61 0602-240L

61 0602 Condensed Gothic Templates–Lower case letters. Average width of lettering is about 3/5 that of standard LEROY Lettering. Not available in size 2000.

Template sizes–	**80L***	**100L***	**120L***	**140L***	**175L***	**200L**	**240L**	**290L**	**350L**	**425L**	**500L**	**700L‡**	**1000L‡**	**1350L‡**
Pen sizes–	0000	0000	000	00	0	1	1	2	2	3	4	7	8	10

---

*Use only with Fine Groove Tracer Pin. ‡Use with Scriber 61 0015. •To order only.

EXTENDED GOTHIC

ABCDEF,GHIJKL·MNOP,QRSTU
VWXYZ (%)'',=0123456789·

Actual size of 61 0650-240C

61 0650 Extended Gothic Templates–Capital letters and numbers. Average width of lettering is about 1½ times that of Standard LEROY Lettering.

Template sizes–	**80C***	**100C**	**120C**	**140C**	**175C**	**200C**	**240C**	**290C**	**350C**	**425C**	**500C**
Pen sizes–	00	0	1	2	3	4	4	5	5	6	7

NEWS GOTHIC

ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789

Actual size of 61 0660-240C

61 0660 News Gothic Templates–Capital letters and numbers.

Template sizes–	**80C***	**100C**	**120C**	**140C**	**175C**	**200C**	**240C**	**290C**	**350C•**	**425C•**	**500C**	**700C‡**	**1000C‡**	**1350C‡**
Pen sizes–	000	00	0	1	2	3	3	4	4	5	6	9	10	12

NEWS GOTHIC CONDENSED

ABCDEFGHIJKLMNOPQRSTUVWXYZ&
0123456789$

Actual size of 61 0670-240C

61 0670 News Gothic Condensed Templates–Capital letters and numbers.

Template sizes–	**80C***	**100C***	**120C**	**140C**	**175C**	**200C**	**240C**	**290C**	**350C**	**425C**	**500C**	**700C‡**	**1000C‡**	**1350C‡•**
Pen sizes–	0000	0000	000	00	0	1	1	2	2	3	4	7	8	10

NEWS GOTHIC BOLD

ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789

Actual size of 61 0680-24PC

61 0680 News Gothic Bold Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡• 144PC‡

Type point sizes referred to above are approximately hundredths of an inch. For instance —24PC, —24PL, or —24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY® Lettering Templates

OUTLINE GOTHIC

ABCDEFGHIJKLMNOPQRSTUVWXYZ&
0123456789

Actual size of 61 0700-240C

61 0700 Outline Gothic Templates–Capital letters and numbers. (When used with Pen 00 or 0, an outline is formed which can be readily filled in.) Size 650 is approved by the U.S. Dept. of Commerce, Bureau of Public Roads, for titles on State and County maps.

Template sizes– 175C* 200C* 240C 290C 350C 425C 500C 650C 1000C‡ 1350C‡ 2000C‡

NITSCHE BOLD

ABCDEFGHIJKLMN
OPQRSTUVWXYZ-&
0123456789

Actual size of 61 0720-24PC

61 0720 Nitsche Bold Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can readily be filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

FRANKLIN GOTHIC

ABCDEFGHIJKLMNOPQRSTUVWXYZ
&(!?;"")$¢0123456789

Actual size of 61 0750-24PC

61 0750 Franklin Gothic Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

abcdefghijklmnopqrstuvwxyz(!?;"")

Actual size of 61 0800-24PL

61 0800 Franklin Gothic Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PL* 24PL* 30PL* 36PL 42PC 48PL 60PC 72PL‡ 84PL‡ 96PL‡ 120PL‡ 144PL‡

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*Use only with Fine Groove Tracer Pin. ‡Use with Scriber 61 0015. •To order only.

ALTERNATE GOTHIC

ABCDEFGHIJKLMNOPQRSTUVWXYZ&

$0123456789

Actual size of 61 0850-24PC

61 0850 Alternate Gothic Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

abcdefghijklmnopqrstuvwxyz?!;’-:

Actual size of 61 0900-24PL

61 0900 Alternate Gothic Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PL* 24PL* 30PL 36PL 42PL 48PL 60PL 72PL‡ 84PL‡ 96PL‡ 120PL‡ 144PL‡

SPARTAN MEDIUM

ABCDEFGHIJKLMNOPQRSTUVWXYZ&

0123456789

Actual size of 61 0950-24PC

61 0950 Spartan Medium Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point sizes:*

Template sizes– 24PC* 30PC 36PC 42PC 48PC 60PC 72PC‡ 84PC‡• 96PC‡ 120PC‡• 144PC‡•

SPARTAN BLACK

ABCDEFGHIJKLMNOPQRSTUVWXYZ&

(!?;:)%$¢0123456789

Actual size of 61 1000-24PC

61 1000 Spartan Black Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

abcdefghijklmnopqrstuvwxyz (!?;:)

Actual size of 61 1050-24PL

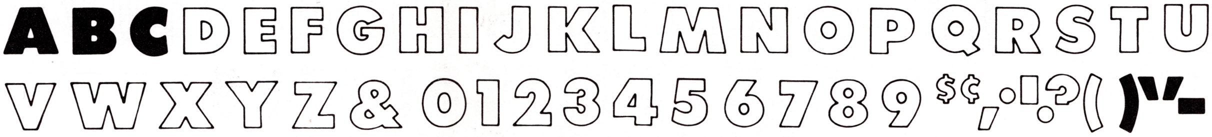
61 1050 Spartan Black Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PL* 30PL* 36PL 42PL 48PL 60PL 72PL‡ 84PL‡ 96PL‡ 120PL‡ 144PL‡

Type point sizes referred to above are approximately hundredths of an inch. For instance —24PC, —24PL, or —24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY® Lettering Templates

SPARTAN EXTRA BLACK

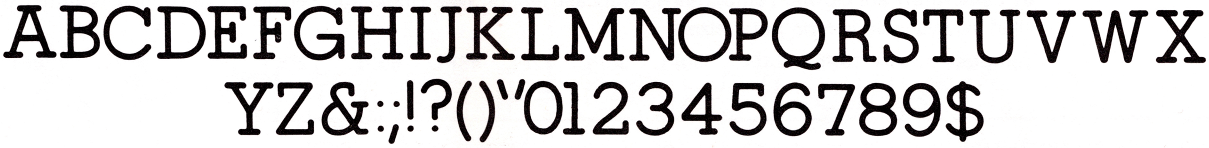

ABCDEFGHIJKLMNOPQRSTU
VWXYZ& 0123456789 $¢,.:!?()'"-

Actual size of 61 1100-24PC

61 1100 Spartan Extra Black Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PC* 30PC 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡ 168PC‡

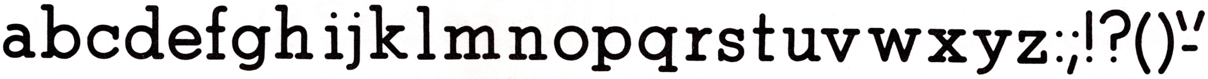
STYMIE MEDIUM


ABCDEFGHIJKLMNOPQRSTUVWX
YZ&:;!?()'"0123456789$

Actual size of 61 1150-24PC

61 1150 Stymie Medium Templates–Capital letters and numbers. Available in *type point* sizes:

Template sizes–	**12PC**	**14PC**	**18PC**	**24PC**	**30PC**	**36PC**	**42PC•**	**48PC**	**60PC**
Pen sizes–	0	0	1	2	2	3	4	5	6

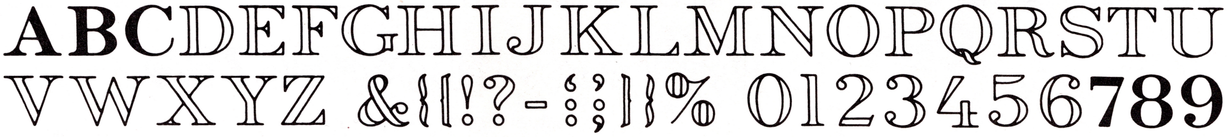

abcdefghijklmnopqrstuvwxyz:;!?()'"-

Actual size of 61 1200-24PL

61 1200 Stymie Medium Templates–Lower case letters. Available in *type point* sizes:

Template sizes–	**12PL**	**14PL**	**18PL**	**24PL**	**30PL**	**36PL**	**42PL**	**48PL•**	**60PL**
Pen sizes–	0	0	1	2	2	3	4	5	6

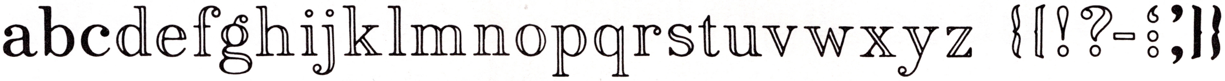
CARTOGRAPHIC


ABCDEFGHIJKLMNOPQRSTU
VWXYZ &{[!?-:;]}% 0123456789

Actual size of 61 1250-24PC

61 1250 Cartographic Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point sizes:*

Template sizes– 18PC* 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡


abcdefghijklmnopqrstuvwxyz {[!?-:;]}

Actual size of 61 1300-24PL

61 1300 Cartographic Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PL* 24PL* 30PL* 36PL 42PL 48PL 60PL‡ 72PL‡ 84PL‡ 96PL‡ 120PL‡

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*Use only with Fine Groove Tracer Pin. ‡Use with Scriber 61 0015. •To order only.

BERNHARDT MODERN BOLD

ABCDEFGHIJKLMNOPQRSTUVWXYZ&(?!:;'-)
§$¢0123456789

Actual size of 61 1350-24PC

61 1350 Bernhardt Modern Bold Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡• 96PC‡ 120PC‡ 144PC‡

abcdefghijklmnopqrstuvwxyz(?!;'-)

Actual size of 61 1400-24PL

61 1400 Bernhardt Modern Bold Templates–Lower case letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PL* 30PL* 36PL 42PL 48PL 60PL 72PL‡• 84PL‡• 96PL‡• 120PL‡• 144PL‡•

CASLON BOLD CONDENSED

ABCDEFGHIJKLMNOPQRSTUVWXYZ
&'-:;,!?0123456789

Actual size of 61 1450-24PC

61 1450 Caslon Bold Condensed Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

a b c d e g f h i j k l m n o p q r s t u v w x y z

Actual size of 61 1500-24PL

61 1500 Caslon Bold Condensed Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PL* 24PL* 30PL 36PL 42PL 48PL 60PL 72PL‡ 84PL‡ 96PL‡ 120PL‡ 144PL‡

OLD ENGLISH

A B C D E F G H I J K L M N O P Q R S T U
V W X Y Z & ' - : ; , ! ? $ 0 1 2 3 4 5 6 7 8 9

Actual size of 61 1550-24PC

61 1550 Old English Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

a b c d e f g h i j k l m n o p q r s t u v w x y z

Actual size of 61 1600-24PL

61 1600 Old English Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point sizes:*

Template sizes– 24PL* 30PL* 36PL 42PL 48PL 60PL 72PL‡ 84PL‡ 96PL‡ 120PL‡ 144PL‡

Type point sizes referred to above are approximately hundredths of an inch. For instance —24PC, —24PL, or —24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY® Lettering Templates

SCRIPT

ABCDEFGHIJKLMNOPQRSTUVWXYZ&$1234567890¢

"-":;,!?abcdefghijklmnopqrstuvwxyz

Actual size of 61 1650-24PCL

61 1650 Script Templates–Capital letters and lower case letters, also numbers. Available in *type point* sizes:

Template sizes–	**18PCL***	**24PCL***	**30PCL**	**36PCL**	**42PCL**	**48PCL**	**60PCL**	**72PCL‡**	**84PCL‡**	**96PCL‡**	**120PCL‡**	**144PCL‡**
Pen sizes–	000	00	00	0	0	1	2	3	3	4	5	6

INFORMAL STYLE

ABCDEFGHIJKLMNOPQRSTUVWXYZ&"-":;!?$1234567890

Actual size of 61 1700-24PC

61 1700 Informal Style Templates–Capital letters and numbers. Available in *type point* sizes:

Template sizes–	**10PC***	**12PC***	**14PC***	**18PC**	**24PC**	**30PC**	**36PC**	**42PC**	**48PC**	**60PC**
Pen sizes–	000	000	000	000	00	0	1	1	2	3

FREEHAND

ABCDEFGHIJKLMNOPQRSTUVWXYZ&

.,-"":,!?$1234567890

Actual size of 61 1750-24PC

61 1750 Freehand Lettering Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PC* 30PC* 36PC* 42PC 48PC 60PC

a b c d e f g h i j k l m n o p q r s t u v w x y z.,-"":,!?

Actual size of 61 1800-24PL

61 1800 Freehand Lettering Templates–Lower case letters. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 24PL* 30PL* 36PL* 42PL 48PL 60PL

SHADOW

ABCDEFGHIJKLMNOPQRSTUVWXYZ

&0123456789$

Actual size of 61 1850-240C

61 1850 Shadow Templates–Capital letters and numbers

Template sizes–	**120C***	**140C***	**175C***	**200C***	**240C***	**290C**	**350C**	**425C**	**500C**
Pen sizes–	000	00	0	0	1	2	2	3	4

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*Use only with Fine Groove Tracer Pin. ‡Use with Scriber 61 0015. •To order only.

OUTLINE SHADOW

ABCDEFGHIJKLMNOPQRSTUVWXYZ
(?!;-) 1234567890 $$%

Actual size of 61 1900-24PC

61 1900 Outline Shadow Templates–Capital letters and numbers. When used with Pen 00 or 0, an outline is formed which can be readily filled in. Available in *type point* sizes:

Template sizes– 18PC* 24PC* 30PC* 36PC 42PC 48PC 60PC 72PC‡ 84PC‡ 96PC‡ 120PC‡ 144PC‡

INSTRUMENT DIAL

ABCDEFGHIJKLMNOPQRSTUV
WXYZ 0123456789

Actual size of 61 1950-240C

61 1950• Instrument Dial Templates–Capital letters and numbers. Developed in accordance with Military Specification MIL-C-18012 (Aer) as aproved by the Bureau of Aeronautics, Department of the Navy, for plastic lighting plates, control panels and placards. To order only. Available in sizes as required from 0.20 in. to 2.00 in. high.

EUROPA

ĀB,CDÊFGHIJKL·MÑ°ÖPQRSᵗᵉ́TÜVWXYZ&:;!?„"()[]%
0123456789-±:×"=$¢£·aäb,cdêfghijklmñ°öpqrstüvwxyzß

Actual size of 61 1965-6

61 1960 Europa Templates–Capital letters and numbers. For lettering in Spanish, French, German and English. Conform to Specification DIN 1451. Available in millimeter height sizes:

Template sizes–	**1.6*•**	**2.0•**	**2.5**	**3.0***	**3.5*•**	**4.0*•**	**5.0**	**6.0**	**8.0**	**10.0**	**12.0**
Pen sizes–	0000	000	00	0	1	2	3	3	4	5	6

61 1965 Europa Templates–Capital and lower case letters and numbers. For lettering in Spanish, French, German and English. Conform to Specification DIN 1451. Available in millimeter height sizes:

Template sizes–	**1.6***	**2.0**	**2.5***	**3.0***	**3.5***	**4.0***	**5.0**	**6.0**
Pen sizes–	0000	000	00	0	1	2	3	3

61 1970 Europa Templates–Lower case letters. For lettering in Spanish, French, German and English. Conform to Specification DIN 1451. Available in millimeter height sizes:

Template sizes–	**8.0**	**10.0**	**12.0•**
Pen sizes–	4	5	6

GREEK

ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ
αβγδεζηθικλμνξοπρσςτυφχψω

Actual size of 61 2100-240CL

61 2000 Greek Templates–Capital and lower case letters.

Template sizes–	**100CL***	**120CL***	**140CL**	**175CL**	**200CL**	**240CL**	**290CL**	**350CL**	**425CL**	**500CL**
Pen sizes–	000	00	0	1	2	2	3	3	4	5

Type point sizes referred to above are approximately hundredths of an inch. For instance —24PC, —24PL, or —24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY® Lettering Templates

MICROFONT

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z . , : ; 1 2 3 4 5 6 7 8 9 0
= ÷ + − ± @ & * ? # × ″ % ′ ( ) [ ] ° ! ¢ $ / _ ∠ ∞ Δ ≈ ~ ∅ ⊥ < > μ α √ σ δ Σ
γ π β θ ω Ω ∴ ||

Actual size of 61 1980-4

61 1980 MICROFONT Templates–Capital letters, numbers and symbols. Available in millimeter height sizes:

Template sizes–	**3.0***	**4.0**	**5.0**	**6.0**
Pen sizes–	0	1	2	2

61 1985 MICROFONT Templates–Capital letters and numbers. Available in millimeter height sizes:

Template sizes–	**10.0**	**12.0**
Pen sizes–	4	5

61 1990 MICROFONT Templates–Symbols only. Available in millimeter height sizes:

Template sizes–	**10.0**	**12.0**
Pen sizes–	4	5

MICROFONT conforms with National Microfilm Association drafting standards.

See page 5 for MICROFONT lettering set.

RUSSIAN

АаБбВГДЕеЖЗИІКЛМНОПРСТУФфХЦЧШЩЪЫЬѢЭ
ЮЯѲѴЙ 0123456789

Actual size of 61 2050-24PC

61 2050 Russian Templates–Capital letters and numerals and the lower case letters that differ from their capitals. When lettering work combines capitals and lower case, for lower case use template two sizes smaller than for capitals. Available in *type point* sizes:

Template sizes–	**8PC***	**10PC**	**12PC**	**14PC**	**18PC**	**24PC**	**30PC•**	**36PC**	**42PC**	**48PC•**	**60PC**
Pen sizes–	000	00	0	1	2	3	4	4	5	6	6

HEBREW

אבגדהוזחטיכךלמםנןסעפףצץקרשת

Actual size of 61 2100-240C

61 2100 Hebrew Templates–Capital letters.

Template sizes–	**80C***	**100C**	**120C**	**140C**	**175C**	**200C**	**240C**	**290C•**	**350C•**	**425C**	**500C**
Pen sizes–	000	00	0	1	2	3	3	4	4	5	6

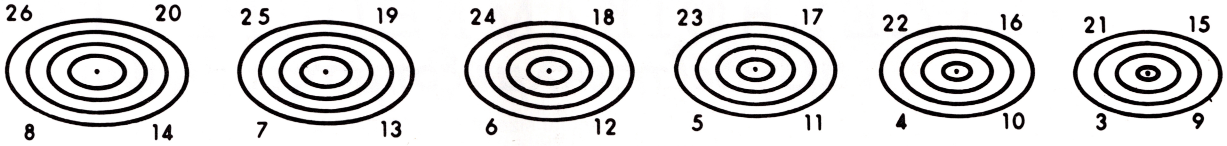
ISOMETRIC

,ABCDEFGHIJKL·MNOUVWXYZ&;"-0123456789·
,*ABCDEFGHIJKL·MNOUVWXYZ&-;"0123456789·*

Actual size of 61 2150-200C

61 2150 Isometric Templates–Capital letters and numbers correctly sloped for isometric drawings.

Template sizes–	**100C**	**120C**	**140C**	**175C**	**200C**
Pen sizes–	00	0	1	2	3



Actual size of 61 2200

61 2200 Isometric Circle Templates–Forms 24 ellipses which are the isometric representation of circles of diameters ranging from 3/32 to 13/16 inches. These ellipses can be formed in all three isometric planes.

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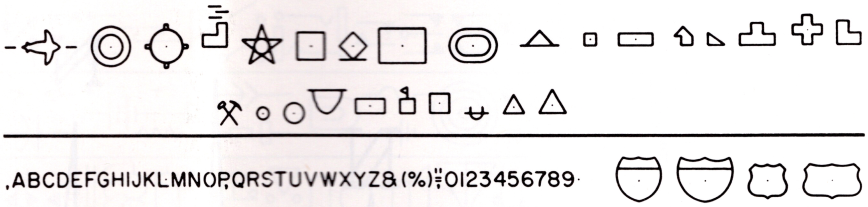
*Use only with Fine Groove Tracer Pin. •To order only.

Type point sizes referred to above are approximately hundredths of an inch. For instance —24PC, —24PL, or —24PCL is approximately 0.24 inch high. Illustrations are 24 point.

LEROY® Symbol Templates

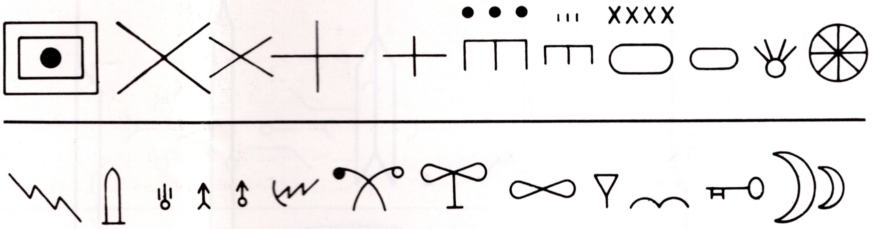
MAP SYMBOLS



Actual size

61 2250* Map Symbol Template (with Capital Letters and Numbers, size 80C). Forms map symbols as illustrated, in addition to all capital letters and numbers than can be formed with template No. 61 0250 size 80C. While each map symbol is complete in itself, by combining them, additional symbols can be formed. Map symbols are selected from the Manual of Standard Procedures (April 1950) for preparing State and County Maps, by the U. S. Department of Commerce, Bureau of Public Roads. (Use Pen 000, 00 or 0)

MILITARY MAP SYMBOLS

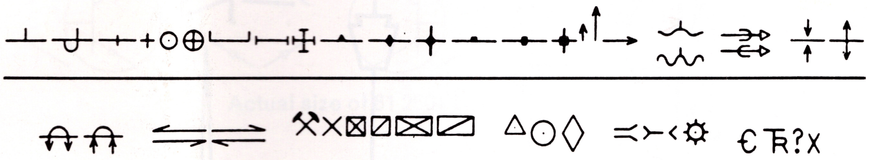


Actual size of 61 2300 size -140 Symbols

61 2300 Military Map Symbol Templates. Form symbols as illustrated. Size numbers (140, 200, 290) indicate correct size Military Map Symbol Template to use with corresponding size LEROY Standard series Lettering Template. While each map symbol is complete in itself, by combining them, additional symbols can be formed. Developed in co-operation with the U. S. Marine Corps.

Template sizes	**140**	**200**	**290**
Pen sizes	1	3	4

GEOLOGICAL SYMBOLS



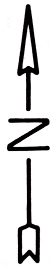
Actual size of 61 2350 size -120 symbols

61 2350 Geological Symbol Templates. Form symbols as illustrated. Size numbers (120, 175) indicate correct size Mathematical Symbol Template to use with corresponding size LEROY Standard series Lettering Template. Developed in co-operation with the U. S. Geological Survey, Washington, D. C.

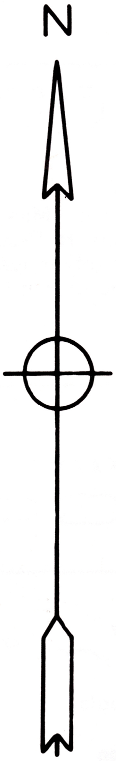
Template sizes	**120***	**175**
Pen sizes	000, 00 or 0	000, 00 or 0

LEROY® Symbol Templates

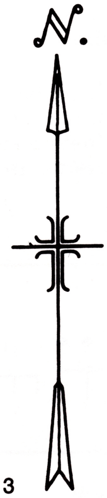
"NORTH POINTER" DESIGN TEMPLATES



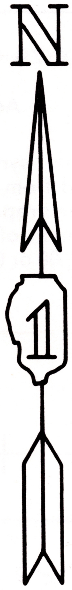
1



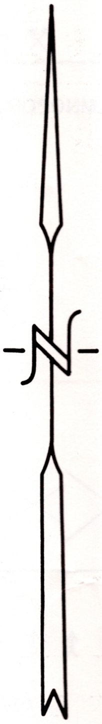
2



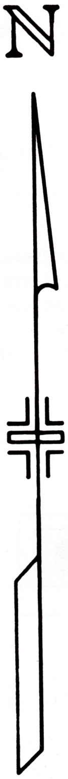
3



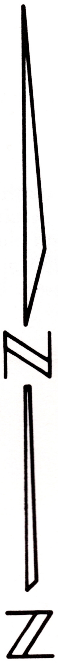
4



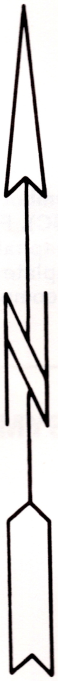
5



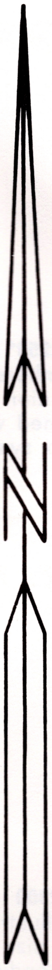
6



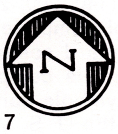
8



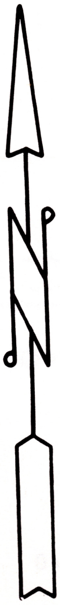
9



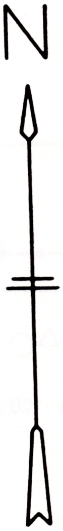
10



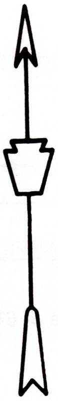
7



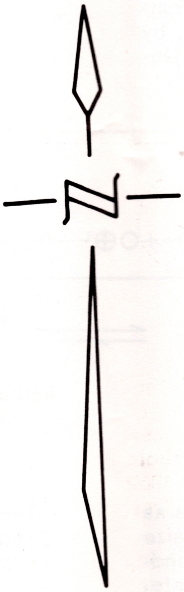
11



12



13•



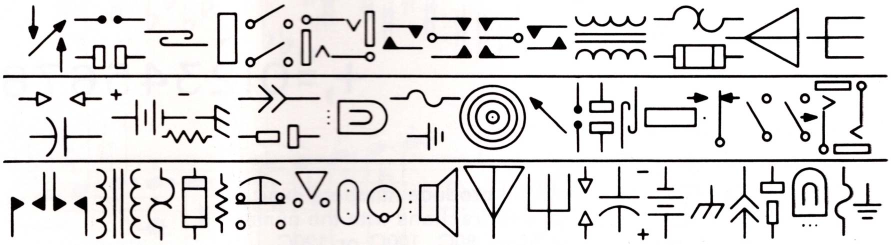
14

61 2400 North Pointer Design Templates. The illustration shows a variety of North Pointers in actual sizes. Any one of these designs is available in the sizes shown, or larger or smaller, within practical limits. (Order these stock designs by pattern number and size.)

Other patterns of North Pointers, of your own design, can be made to your special order. (See "Your Own Design" Templates, page 24.)

•To order only.

ELECTRICAL SYMBOLS



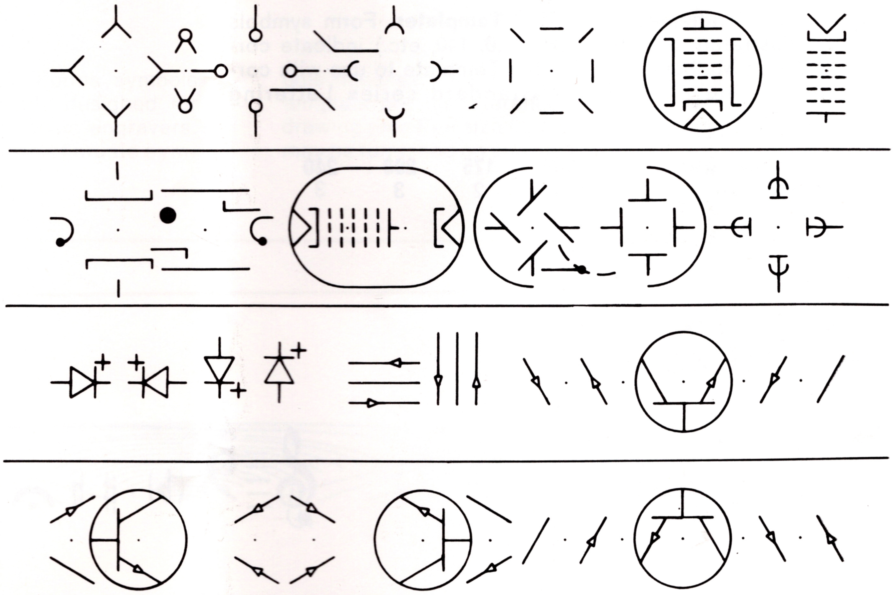
Actual size of 61 2450 size 10 symbols

61 2450 size 10. Electrical Symbol Template—Forms electrical symbols for power, communication and electronic wiring diagrams. The symbols are of the form and size shown in American Standard Association Bulletin Y32.2-1954 "Graphical Symbols for Electrical Diagrams" and Military Specification MIL-STD-15A. (Use Pen 000 or 00).

61 2450 size 15. Electrical Symbol Template—Same as 61 2450 size 10 except 1½ times size (use Pen 00 or 0).

61 2450 size 20. Electrical Symbol Template—Same as 61 2450 size 10 but twice size (use Pen 0 or 1).

ELECTRONIC TUBE SYMBOLS



Actual size of 61 2501 size 10 symbols

61 2501 size 10. Electronic Tube Symbol Template—Forms practically all of the symbols used for various types of electronic tubes and semi-conductor devices. For use with Electrical Symbol template 61 2450 size 10. Symbols are of the form and size shown in ASA Bulletin Y32.2-1962 and Military Specification MIL-STD-15-1 dated 30 Oct. 1961 (use Pen 000 or 00).

This template permits symbols to be made in both horizontal and vertical directions to suit the direction of current flow. This new design also enables the various positions of the same symbol to be made without changing the template from the normal horizontal position.

61 2501 size 15. Electronic Tube Symbol Template—Same as 61 2501 size 10 but 1½ times size. For use with Electrical Symbol template 61 2450 size 15 (use Scriber 61 0015 and Pen 00 or 0).

61 2501 size 20. Electronic Tube Symbol Template—Same as 61 2501 size 10 but twice size. For use with Electrical Symbol template 61 2450 size 20 (use Scriber 61 0015 and Pen 0 or 1).

LEROY® Symbol Templates

FRACTION TEMPLATE

+,"=0123456789± $\frac{0}{0}\frac{1}{1}\frac{2}{2}\frac{3}{3}\frac{4}{4}\frac{5}{5}\frac{6}{6}\frac{7}{7}\frac{8}{8}\frac{9}{9}$ "± (%)

61 2600 Fraction Template. Will produce numbers in sizes 120C, 140C, 175C and 240C; and fractions with the numerators and denominators in sizes 80C, 100C or 120C.

MATHEMATICAL SYMBOLS

-+01234567890// ||

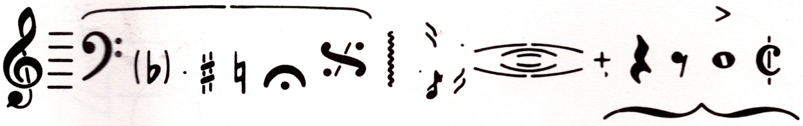
{ } [ ] ∫ ∮ √ ∑ ± ∓ ≅ ≡ ≠ ≈ ∝ ≤ ≥ ~ ÷ + × ∞ Δ ∇ \ ⊥ ! ⌐ √ ← → # ∂ d e

Actual size of 61 2650 size 120

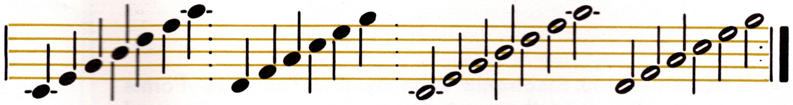
61 2650 Mathematical Symbol Templates. Form symbols as illustrated. Size numbers (120, 140, etc.) indicate correct size Mathematical Symbol Template to use with corresponding size LEROY Standard series Lettering Template.

Template sizes	**120**	**140**	**175**	**200**	**240**
Pen sizes—	0	1	2	3	3

MUSIC SYMBOLS

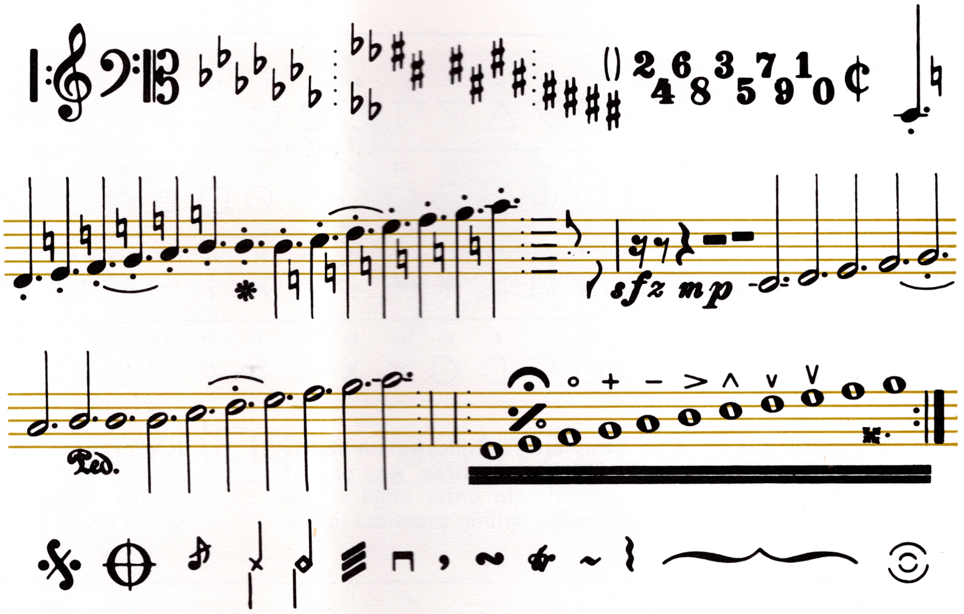


Actual size



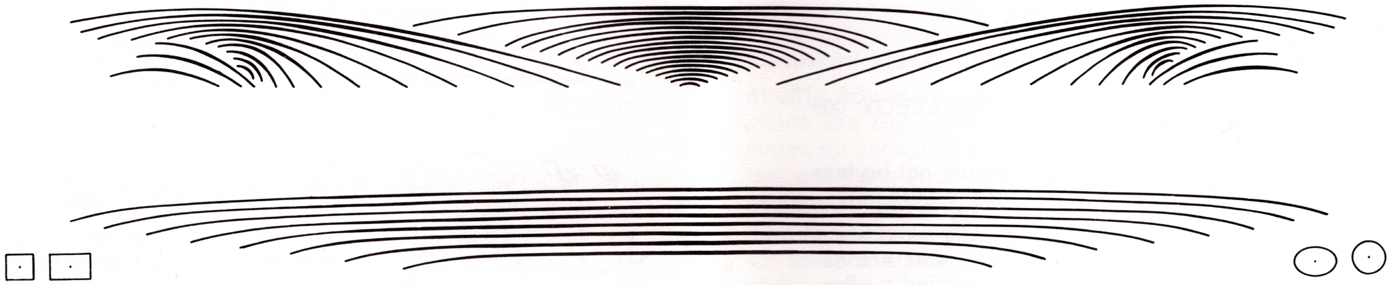
61 2700 Music Symbol Template. Forms symbols as illustrated. This template is specifically designed for use by professional music copyists and music engravers. It provides the user with any combination of music symbols necessary for professional use. Lines of the staff are in red for reference only and are not engraved for drawing. (Use Pen 000 or 00.) Other spacing of staff lines may be furnished on special order.

MUSICOPY SYMBOLS



61 2702* Musicopy—Symbol Template. Forms symbols as illustrated. This template is specifically designed for use by professional music copyists and music engravers. It provides the user with any combination of music symbols necessary for professional use. Staff lines in red on template are for reference only and are not engraved for drawing (use Pen size 000 or 00). Other spacing of staff lines may be furnished on special order.

SLUR-TIE



Two thirds actual size

61 2704* Musicopy—Slur-Tie Template. Forms virtually every size slur-tie needed in the music field. When combined with Musicopy Template No. 61 2702 any variation of music symbols and slur-ties may be made (use Pen size 000 or 00).

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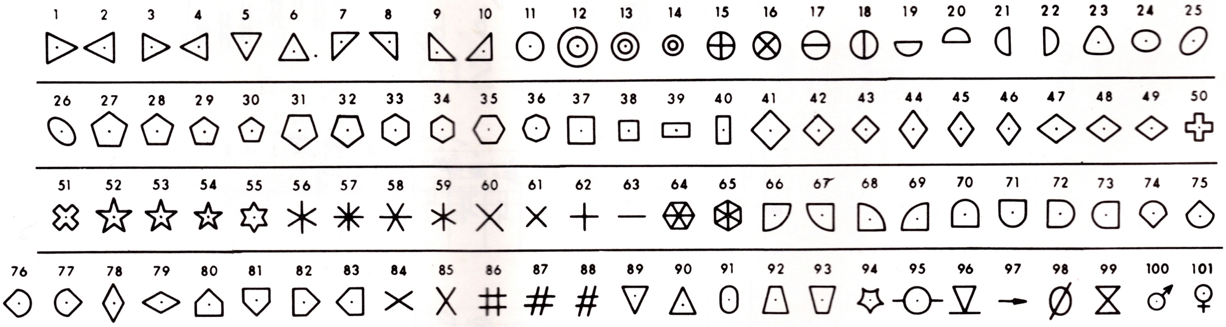
*Use only with Fine Groove Tracer Pin.

LEROY® Symbol Templates

GRAPH SYMBOLS


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75
76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101

61 2750 Graph Symbols Template. The illustration shows a variety of Graph Symbols in actual sizes. Any one of these stock designs is available (to order only) in the sizes shown, or larger or smaller, within practical limits.

(Order these stock designs by pattern number and size.)

Other Graph Symbols, of your own design, can be made to your special order. (See "Your Own Design" Templates below.)

"YOUR OWN DESIGN TEMPLATES"

61 2800 Templates, in 9½, 12 or 15 in. lengths, to order, with frequently used phrases for drawings or title blocks, or with other wording. In standard LEROY capitals or capitals and lower case letters and numerals. Characters available in any size from 80 to 500.

61 2850 Templates, with symbols made to your own design can save you a great deal of time and needless repetitive work. Designs, symbols, trade marks, signatures, title blocks and other devices have to be drawn many times. With a LEROY Template made specially for you these can be drawn in a few seconds.

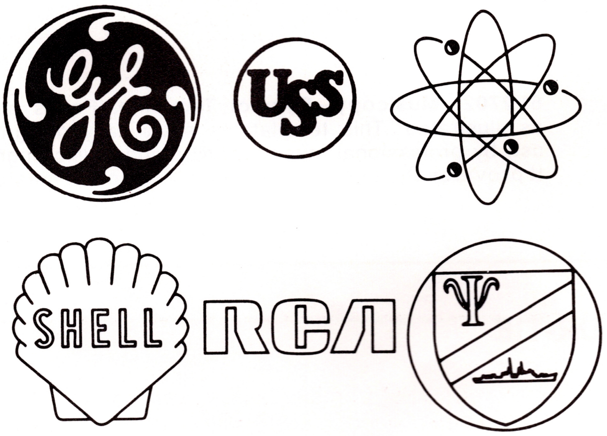
Send us a sketch or reproduction of any design that you would like to have on LEROY Templates and ask for quotation.

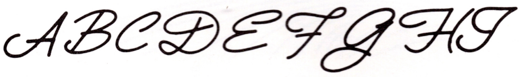
Bear in mind these few points:

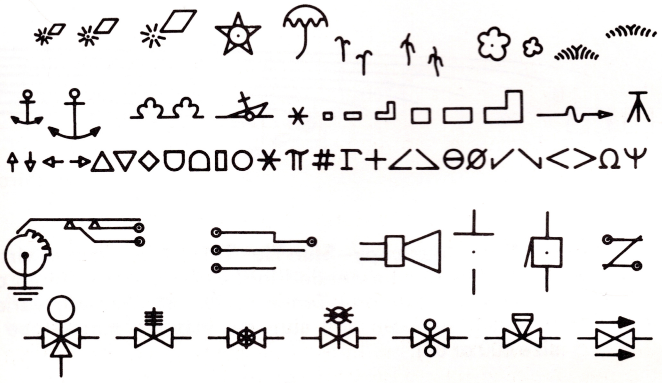
1. Maximum height for characters is 2 inches.
2. Lines should not be finer than the LEROY 000 Pen can draw (.010 in. width).
3. Spaces between adjacent lines should not be less than the width of a LEROY 00 Pen line (.013 in.).
4. For characters or symbols with heavily inked areas or varying line widths, LEROY Templates are designed to draw these in outline, to be filled in afterwards.

OTHER MISCELLANEOUS LETTERING TEMPLATES TO ORDER

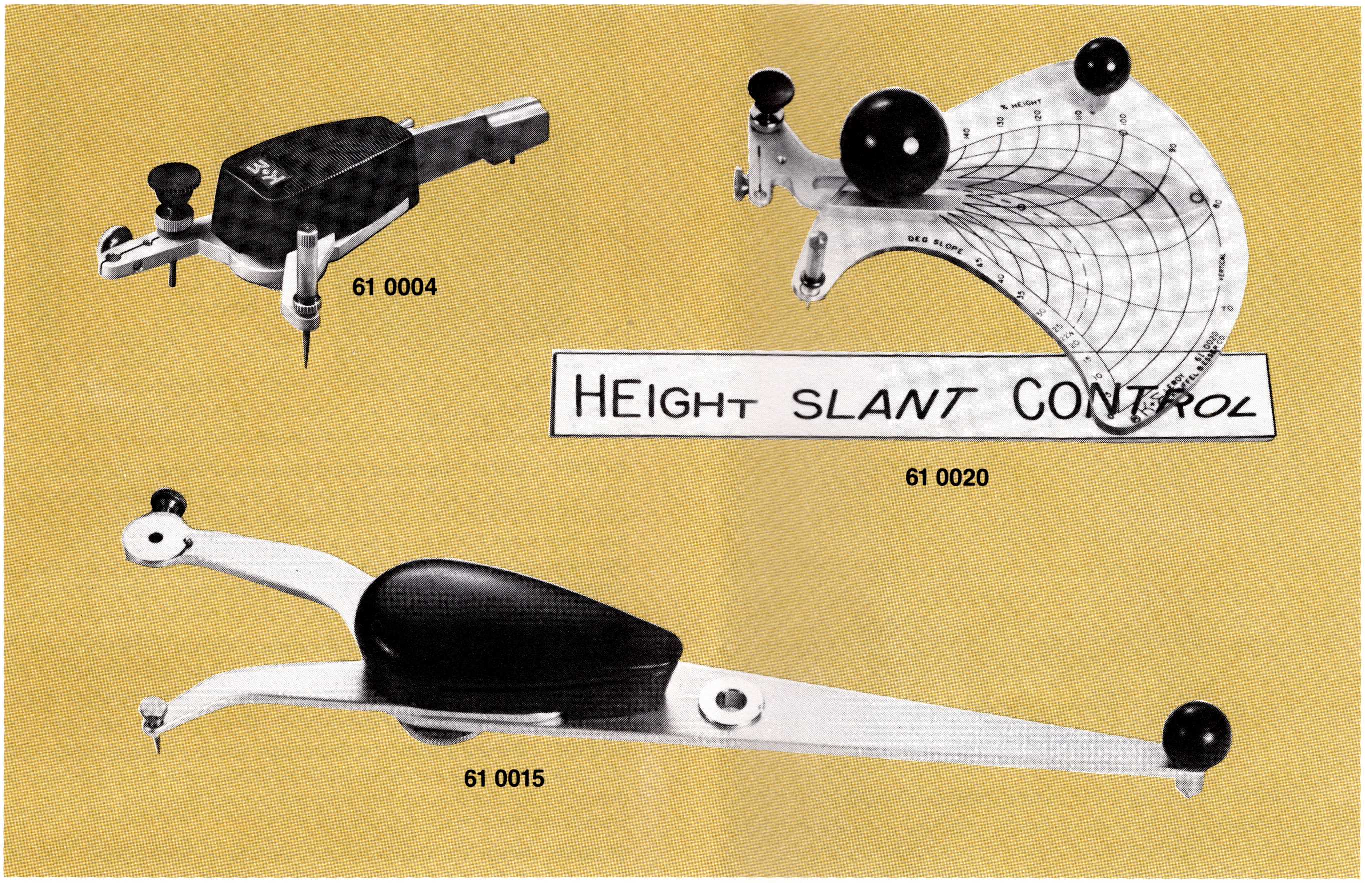
If you have use for special LEROY Templates with styles of alphabets and numbers other than those shown in this booklet, let us know your requirements. Send us a sketch or a specimen of the type of letters and numerals you would like to have. We will gladly offer suggestions and quote prices.


GE
USS
SHELL
RCA





LEROY® Scribers



DESIGN — The LEROY Scriber is a precise instrument, handsome and streamlined in design, easy to handle. Its machined aluminum frame is light in weight.

CONSISTENT ACCURACY — The unvarying relationship of its three main elements, the tracer pin, the pen, and the tail pin, assures the unvarying consistency of the lettering on the drawing.

BALANCE — The LEROY Scriber is perfectly balanced. It is easy to operate. The tracer pin glides smoothly through the engraved characters on the template, and requires no pressure. A counter-balance weight holds the tail pin in the horizontal groove of the template as the tracer pin is moved from letter to letter.

TWO TYPES — LEROY Scribers are made in two types. The adjustable type produces characters either vertical or slanting at any degree up to 22½ degrees from the same template. A simple adjustment of the tracer arm requires only the loosening and re-tightening of a thumb nut. This is easily done without having to turn the scriber over or remove the pen. Nothing has to be taken apart. The second type permits variation of the height and slant of letters and numerals. (See photo 61 0020 above.)

61 0004 Adjustable Scriber — For use with all LEROY Pens up to size 8 and LEROY Pencils; and with all LEROY Templates up to size 650. Pens are held by side thumb screw. Adjustable tracer arm for both vertical or slant lettering. Furnished with Double-Ended Tracer Pin.

61 0015 Adjustable Scriber — For use with LEROY Templates size 700 and larger, and Templates 72 point and larger, for vertical or slanting lettering. Adapters furnished for use with Pens 0000 to 8, and 9 to 14.

61 0020 Height and Slant Control Scriber — Adjustable to form characters either vertical or slanting at any angle up to 45° forward, and any height from 60% to 150% of the size of the characters on the template used. The width of the characters is not changed. Adjustment is simple, by loosening the knob, moving the arm so that the small red circle on the arm lies directly under the intersection of the "degree slope" and "% height" lines desired. Knob is then re-tightened. Takes pens 0000 to 8. Can be used with LEROY Lettering Templates up to size 500C. Furnished with Double Ended Tracer Pin.

61 3010 Double-Ended Tracer Pin — For use with regular and fine groove LEROY Templates. Fits all LEROY Scribers.

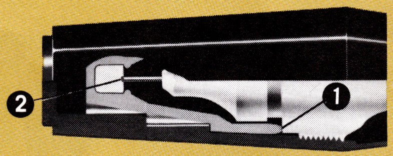
LEROY® Pens

Fewer refills — Designed for many hours of uninterrupted lettering, the LEROY Reservoir Pen will hold enough ink to draw a straight line approximately 1200 feet.

Ink always visible — The cartridge is airtight, made of non-porous, translucent, unbreakable material.

Easy to clean — A tiny weighted needle inside the feed tube assures a clear passage of ink from the reservoir to the point. Light vertical shaking of the pen sets this needle in motion, removing any particles which may settle in the tube when the pen is set aside for short periods. The needle also provides efficient cleaning action when you wash out the pen.

Color coded — LEROY Reservoir Pens are color-coded and numbered for immediate identification of point size and to prevent mismates when cleaning.

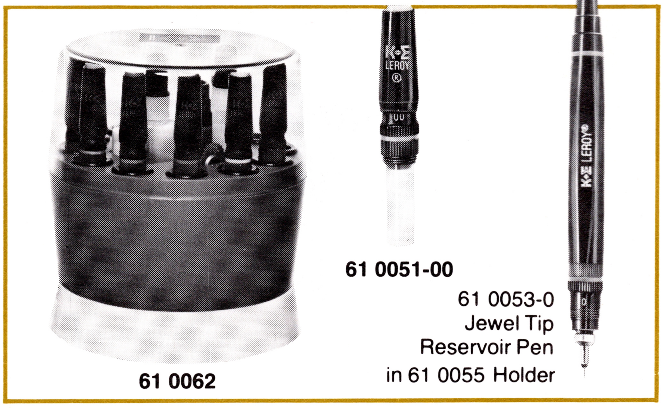


Airtight cap prevents ink from drying in points — The design of the pen cap provides an airtight seal ❶ that prevents air from entering the air channel of the ink flow-control system. In addition, the open tip of the point is totally sealed ❷ against a pliable, impervious material within the cap liner assembly.

Y LETTERING
K+E
ABCDEFGHIJKLMNOPQR
20

Dual use — LEROY Reservoir Pens are ideal for scriber use or hand drafting. When used with holder 61 0055, the slim-point design of the pen assures accurate line placement along a straightedge, curve or triangle, and it is ideal for free-hand sketching and drawing.

LEROY® Reservoir Pens for controlled lettering & line drawing



61 0051* LEROY Stainless Steel Reservoir Pens—Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5, 6, 8, 10, 12 and 14. Pens are threaded to accept LEROY Pen Holder 61 0055 for use as a free-hand drawing and ruling pen. Pen sizes 0000 to 5 have a thicker tip and a "step" in the diameter, which permits a free ink flow for clean, sharp lines. Risk of smearing caused by capillary action is eliminated. Sizes 0000 through 5 have stainless steel tips; sizes 6, 8, 10, 12 and 14 have plastic tips.

61 0052* Stainless Steel Replacement Points — Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5, 6, 8, 10, 12 and 14. For use with 61 0051 Reservoir Pens. Sizes 0000 through 5 have stainless steel tips; sizes 6, 8, 10, 12 and 14 have plastic tips.

61 0053* LEROY Jewel Tip Reservoir Pens — Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5. Same as 61 0051 except with jewel tips that are designed for drafting on film and will outlast stainless steel tip Reservoir Pens many times over.

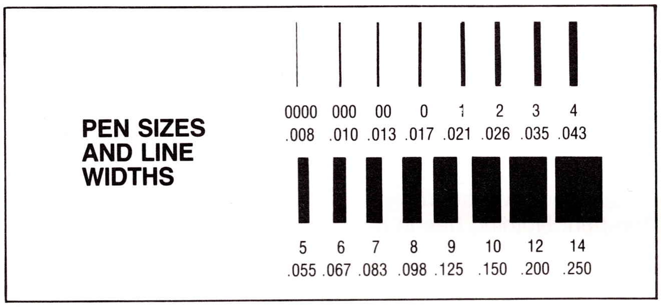
61 0054* Jewel Tip Replacement Points — Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5. For use with 61 0053 LEROY Jewel Tip Reservoir Pens.

61 0055 Reservoir Pen Holder — Designed to hold individual LEROY Reservoir Pens so they can be used for free-hand drawing, sketching, ruling or following curves. Pens can be easily inserted or removed.

61 0062 LEROY Stainless Steel Reservoir Pen Set—Contains 7 Reservoir Pens (00, 0, 1, 2, 3, 4 and 5), holder, empty ink filler bottle and pen cleaner bottle, packed in a specially designed revolving caddy that has capacity to hold up to a dozen pens and three holders. The base of the caddy holds a sponge for humidifying, so pens stored uncapped and point down won't dry out. Set furnished with clamp to attach unit to board or table top.

61 0063 LEROY Jewel Tip Reservoir Pen Set—Same as 61 0062 except Reservoir Pens have jewel tips (00, 0, 1, 2, 3, 4 and 5).

61 0064 LEROY Stainless Steel Reservoir Pen Set—Same as 61 0062 but contains 8 Standard Reservoir Pens (000, 00, 0, 1, 2, 3, 4, and 5).



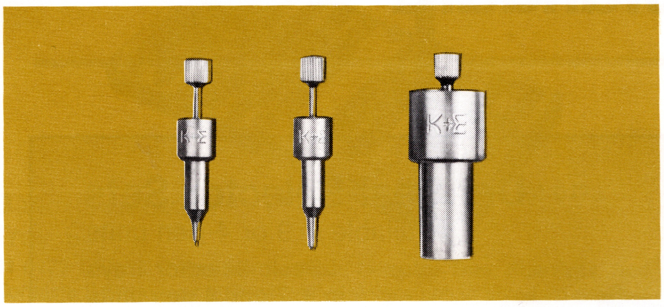
PEN SIZES AND LINE WIDTHS

0000	000	00	0	1	2	3	4
.008	.010	.013	.017	.021	.026	.035	.043

5	6	7	8	9	10	12	14
.055	.067	.083	.098	.125	.150	.200	.250

*Specify Size

LEROY® STANDARD PENS



HANDLE A VARIETY OF LETTERING JOBS — LEROY Standard Pens were designed to handle all types of lettering work. They are most effective however on small lettering jobs or those in which a number of pens are required.

LONG WEARING POINTS — The narrowest line pens (0000 to 1) have stainless steel tips, and the very fine stainless steel wire of the "cleaner" is reinforced for about half its length by stainless steel tubing inserted into the body of the "cleaner".

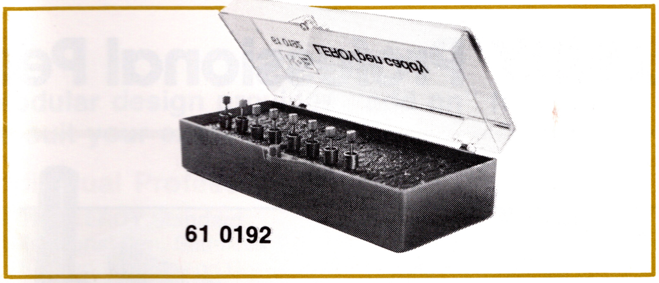
CORROSION RESISTANT — LEROY Pens resist the corrosive effects of moisture.

61 0070* LEROY Lettering Pens — Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14.

61 0100* Cleaning Pins — For LEROY Pens No. 61 0070. Sizes 0000 to 14.

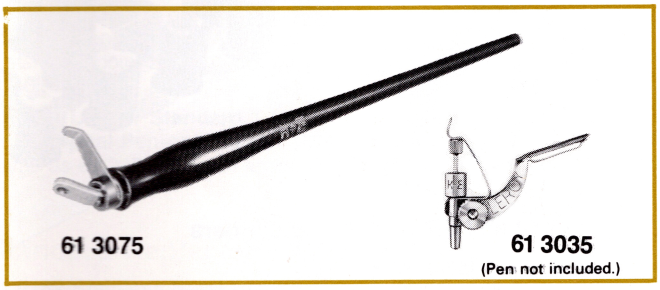
61 0130* LEROY Long Point Lettering Pens — Sizes 0000, 000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, for lettering or use with straightedges, curves and cut-out templates. Widths of lines are the same as LEROY Lettering Pens No. 61 0070.

61 0160* Long Point Cleaning Pins — For LEROY Long Point Lettering Pens 61 0130. Sizes 0000 to 8.



61 0191 LEROY Standard Pen Set — Contains 8 Standard Pens No. 61 0070 sizes 1, 2, 3, 4, 5, 6, 7, 8, with empty spaces for 12 additional pens in convenient plastic box.

61 0192 LEROY Pen Caddy — Same as furnished with 61 0191 set but without pens



61 3075 LEROY Standard Penholder — Contour-designed to afford ease and comfort for free-hand lettering. The penholder is equipped with a clamp which permits quick insertion and removal of LEROY pens sizes 0000 to 8. A simple turn of the handle tightens or releases the clamp.

61 3080 LEROY Standard Penholder — Same as 61 3075 but used with LEROY Pens sizes 9 to 14.

61 3035 Socket Holder—For freehand lettering with LEROY Standard Pens, sizes 0000 to 8. Fits regular penholders.

61 3040 Socket Holder—Same as 61 3035 but used with pen sizes 9 to 14.

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* Specify Size

LETTERING PEN SELECTION GUIDE

See page 28 for LEROY Professional Pens, page 32 for Metric.

PEN SIZE	RESERVOIR				STANDARD		LONG POINT	
	STAINLESS STEEL LETTERING PENS 61 0051	STAINLESS STEEL REPLACEMENT POINTS 61 0052	JEWEL TIP LETTERING PENS 61 0053	JEWEL TIP REPLACEMENT POINTS 61 0054	LETTERING PENS 61 0070	CLEANING PINS 61 0100	LETTERING PENS 61 0130	CLEANING PINS 61 0160
0000	●	●	●	●	●	●	●	●
000	●	●	●	●	●	●	●	●
00	●	●	●	●	●	●	●	●
0	●	●	●	●	●	●	●	●
1	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●
6	●	●			●	●	●	●
7					●	●	●	●
8	●	●			●	●	●	●
9					●	●		
10	●	●			●	●		
12	●	●			●	●		
14	●	●			●	●		

When ordering specify product number and pen size.

LEROY® Professional Pens-Standard

Dry Seal Selector Sets

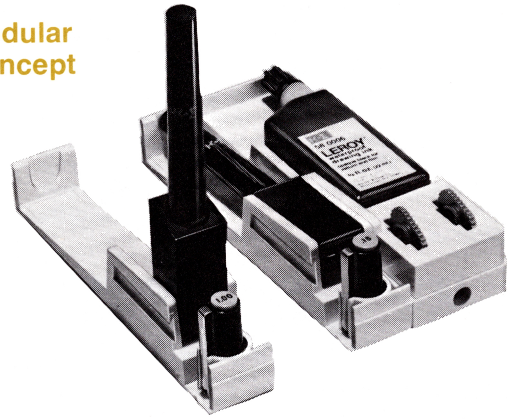
Available in 9 or 4-pen units

Basic Selector Trays in 9, 7 and 4-pen units

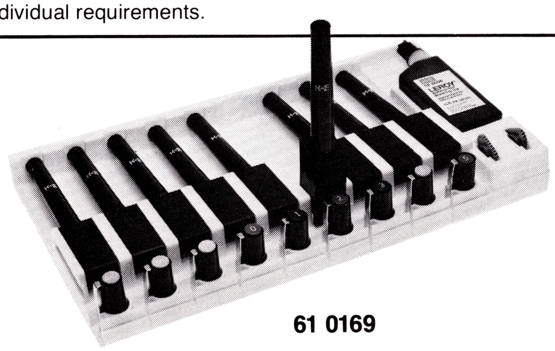
Pens fit all LEROY lettering scribers

- Unique Dry Seal design assures quick starts
- New modular Dry Seal Selector-units provide convenience and "add-on" adaptability

Modular Concept



Each Dry Seal Selector unit has been cleverly designed with slide-locks so you may add or subtract from your pen selection to satisfy your individual requirements.



61 0169

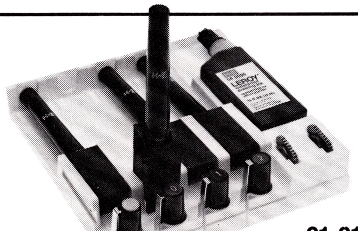
LEROY Technical Pen sets also available in basic selector tray with 9, 7 or 4 pens.

LEROY Professional Pens are available in nine standard sizes from -0000 to -5. They are ideal for technical drafting and also fit all LEROY lettering scribers. The unique Dry Seal design assures quick starts and the modular Dry Seal Selection units provide convenience and "add-on" adaptability

Dry Seal Selector Sets

61 0169 LEROY 9-Pen DSS Set, Stainless Tips – Contains 9 Professional Pens with stainless tips in standard point sizes: 0000, 000, 00, 0, 1, 2, 3, 4 and 5; dry seal pen caps; Dry Seal Selector tilt holder units; 1 modular ink pack unit with ¾ oz. bottle LEROY ink (58 0006), 2 nib keys, board clamp; clear plastic cover. Double dry seal feature in both Dry Seal Selector tilt holder and pocket-clip pen cap to assure quick starts whether pen is stored in DSS holder or pocket.

61 0171 LEROY 9-Pen DSS Set, Jewel Tips – Same as 61 0169 but with tips for outstanding wear resistance and exceptionally smooth drafting. Will outlast stainless tips many times over.



61 0170

61 0170 LEROY 4-Pen DSS Set, Stainless Tips – Contains 4 Professional Pens with stainless tips in standard point sizes: 00, 0, 1 and 2; dry seal pen caps; 4 modular Dry Seal Selector tilt holder units; 1 modular ink pack unit with ¾ oz. bottle LEROY ink (58 0006), 2 nib keys, board clamp; clear plastic cover.

61 0172 LEROY 4-Pen DSS Set, Jewel Tips – Same as 61 0170 but with jewel tips.

61 0173

Basic Selector Tray Sets

61 0173 LEROY 9-Pen Set in Basic Selector Tray, Stainless Tips – Contains 9 Professional Pens with stainless tips in standard point sizes: 0000, 000, 00, 0, 1, 2, 3, 4 and 5; dry seal pen caps; ¾ oz. bottle LEROY ink (58 0006), 1 nib key; basic selector tray with provision to hold 7 pens in upright position during use.

61 0176 LEROY 9-Pen Set in Basic Selector Tray, Jewel Tips – Same as 61 0173 but with jewel tips.

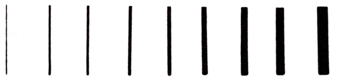
61 0174 LEROY 7-Pen Set in Basic Selector Tray, Stainless Tips – Same as 61 0173 but with 7 pens, dry seal pen caps, ¾ oz. bottle LEROY ink and 1 nib key. Pen sizes: 00, 0, 1, 2, 3, 4, and 5.

61 0177 LEROY 7-Pen Set in Basic Selector Tray, Jewel Tips – Same as 61 0174 but pens have jewel tips.

61 0175 LEROY 4-Pen Set in Basic Selector Tray, Stainless Tips – Same as 61 0173 but with 4 pens, dry seal pen caps, ¾ oz. bottle LEROY ink and 1 nib key. Pen sizes: 00, 0, 1, and 2.

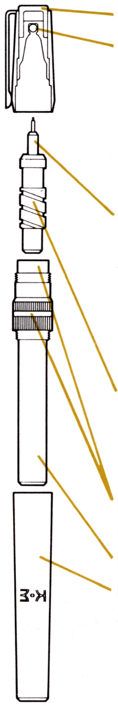
61 0178 LEROY 4-Pen Set in Basic Selector Tray, Jewel Tips – Same as 61 0175 but pens have jewel tips.

PEN SIZES AND LINE WIDTHS



0000	000	00	0	1	2	3	4	5
.008	.010	.013	.017	.021	.026	.035	.043	.055

Professional pens for technical drawing and LEROY controlled lettering



Color coded cap for easy identification.

Instant starting — Dry Seal cap assures quick starts and eliminates need for humidification which can dilute ink. Air tight sealing of both pen point and air channel prevents ink from drying or clogging, even after extended storage periods.

Precision engineered — Unique one-piece nickel-silver shank and body section. A quality feature of LEROY reservoir pens. Provides balanced control in manual drafting and exceptional durability in controlled lettering scriber operation.

Chemically tough — High chemical resistance of molded parts permit use with acetate inks as well as LEROY black waterproof drawing ink.

Color coded cleaning wire and clamp ring for easy identification.

Large ink reservoir.

Pen holder fits all LEROY reservoir pens and Dry Seal Selector units.

Modular design provides "add on" flexibility to suit your exact needs

Individual Professional Pens

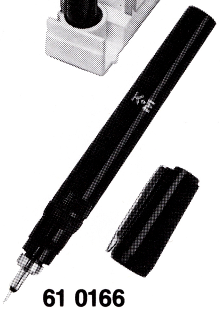
61 0165

***61 0165 LEROY Standard Professional Pen, Stainless Tip, DSS** – Cap, nib key and Dry Seal Selector Module. Available in 9 standard point sizes: 0000, 000, 00, 0, 1, 2, 3, 4, and 5.

***61 0167 LEROY Standard Professional Pen, Jewel Tip, DSS**– Same as 61 0165 but with jewel tip.

***61 0166 LEROY Standard Professional Pen only, Stainless Tip** – Cap and nib key. Available in 9 standard point sizes: 0000, 000, 00, 0, 1, 2, 3, 4, and 5.

***61 0168 LEROY Standard Professional Pen only, Jewel Tip** – Same as 61 0166 but with jewel tip.


61 0166

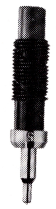
Standard Replacement Points

***61 0162 Stainless Steel Replacement Points** – Available in nine sizes: 0000, 000, 00, 0, 1, 2, 3, 4, and 5.

***61 0163 Jewel Tip Replacement Points** – Same as 61 0162 but jewel tip.

61 0164 Tungsten Carbide Tip Replacement Points – Same as 61 0162 but tungsten carbide tip.

61 0031 LEROY Pen Holder only – Adapts LEROY reservoir pens 61 0051 and 61 0053 for use in Dry Seal Selector unit.


61 0162

61 0049

Modular Dry Seal Selectors

Pen holders included for use with LEROY reservoir pens 61 0051 and 61 0053

61 0046 Dry Seal Selector for 1 pen — One tilt holder unit with pen holder. Can be attached to other units to form set.

61 0048 Dry Seal Selector for 4 pens — Contains four tilt holder units, four pen holders, ink pack with ¾ oz bottle LEROY ink, 2 nib keys, mounting clamp and clear plastic cover.

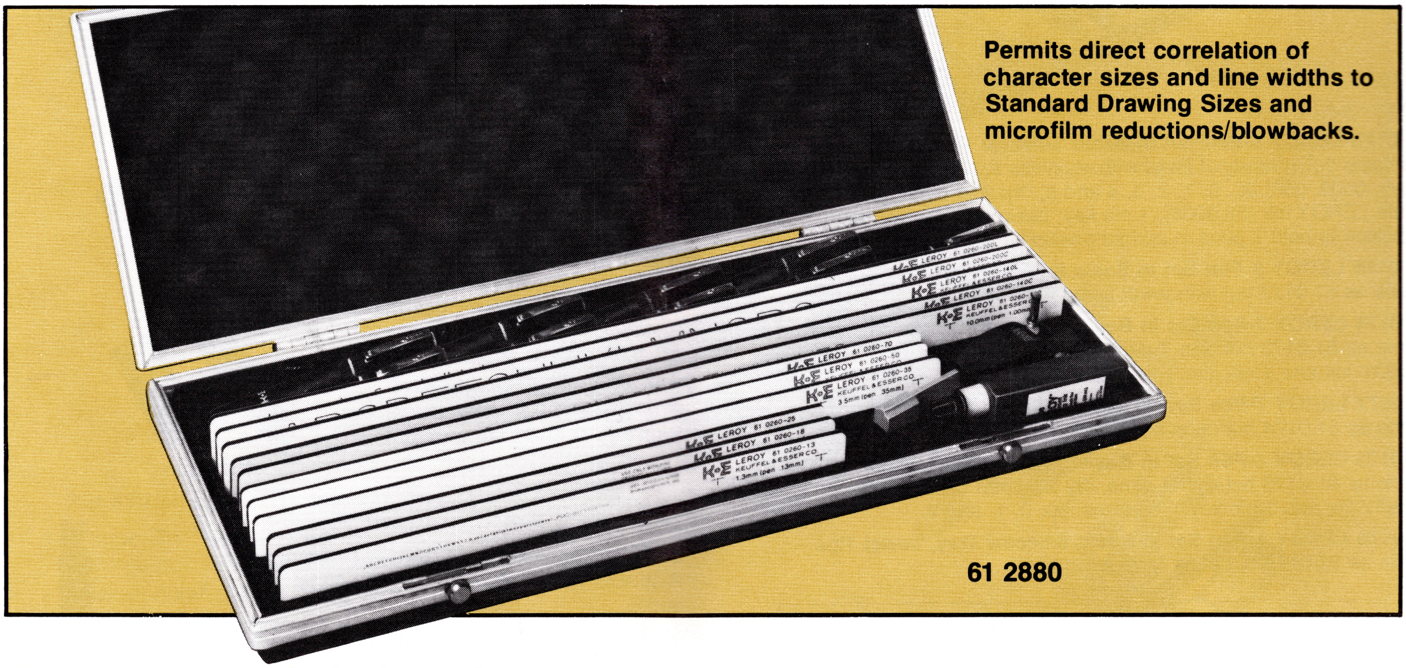
61 0049 Dry Seal Selector for 9 pens — Contains nine tilt holder units, nine pen holders, ink pack with ¾ oz. bottle LEROY ink, 2 nib keys, mounting clamp and clear plastic cover.

61 0045 Ink Pack — Contains ¾ oz. bottle LEROY ink, 2 nib keys, mounting clamp. Forms end unit for adding on Dry Seal Selector units Clamps to board or table.

58 0006 LEROY Ink— ¾ oz. plastic bottle of LEROY waterproof drawing ink, opaque black for vellum and film.

*When ordering specify pen number corresponding to point size selected from Line Width Chart.

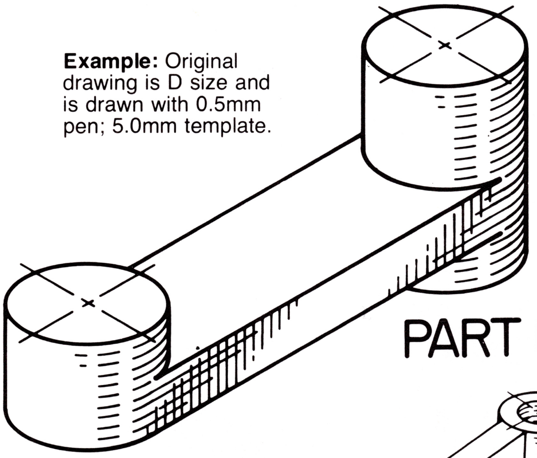
LEROY® Metric Standard Lettering Sets


Permits direct correlation of character sizes and line widths to Standard Drawing Sizes and microfilm reductions/blowbacks.

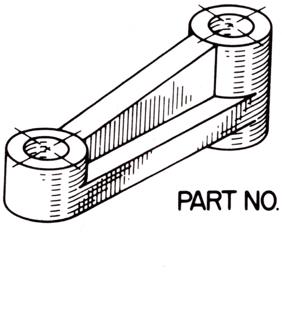
61 2880

Now you can precisely determine the optimum character size for any controlled lettering application

The letter size and line width recommendations of an internationally accepted standard have been incorporated into the specifications of the LEROY Metric Standard Templates and Metric Technical Pens. The result: a logical system emerges whereby both letter sizes and line widths follow an identical geometric size progression based on the $\sqrt{2}$ (1.414). By pairing each template size in the system with the corresponding pen size, a constant ratio of 10:1 is always maintained between letter size and line width.


Example: Original drawing is D size and is drawn with 0.5mm pen; 5.0mm template.

PART NO. 101


Example: ½ size blowback is B size. Changes made directly on blowback with .25mm pen; 2.5mm template.

PART NO. 101-R1

61 2880 LEROY Metric Standard Lettering Set—Contains a complete set of 9 Metric Technical Pens and 9 matching Metric Standard Templates (11 template sections); one Adjustable Scriber 61 0004; one ¾ oz. bottle of LEROY® Ink 58 0006; and 2 nib keys. In formed plastic case.

61 2890 LEROY Metric Standard Lettering Set—Contains 4 Metric Technical Pens in point sizes 0.25mm, 0.35mm, 0.50mm and 0.70mm; 4 Metric Standard Templates in capital letter sizes 2.5mm, 3.5mm, 5.0mm and 7.0mm; one Adjustable Scriber 61 0004; one ¾ oz. bottle LEROY Ink 58 0006; and 2 nib keys. In formed plastic case.

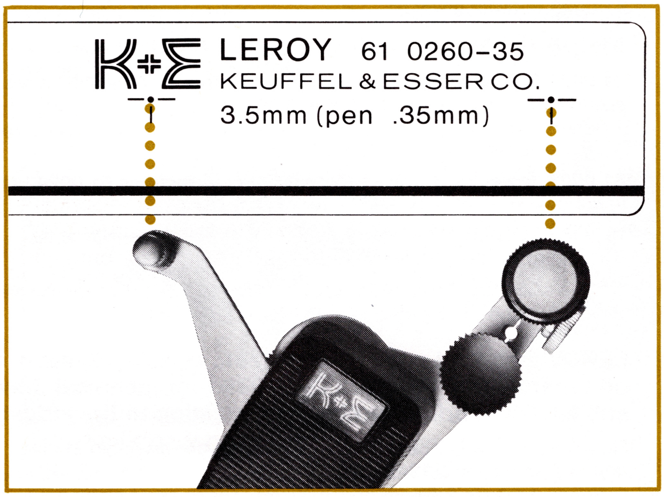
Product No.		Set No. 61 2880	Set No. 61 2890
Metric Pen	Template		
61 0023-200	***61 0260-200C**	●	
	-200L	●	
61 0023-140	***61 0260-140C**	●	
	-140L	●	
61 0023-100	**61 0260-100**	●	
61 0023-70	**61 0260-70**	●	●
61 0023-50	**61 0260-50**	●	●
61 0023-35	**61 0260-35**	●	●
61 0023-25	**61 0260-25**	●	●
61 0023-18	**61 0260-18**	●	
61 0023-13	**61 0260-13**	●	

*The large 14mm and 20mm characters require two template sections to incorporate a complete range of capital letters, lower case letters, numbers and symbols. Both the 61 0260-140L and 61 0260-200L produce lower case letters, numbers and symbols. The 61 0260-140C and 61 0260-200C produce capital letters as illustrated on page 29.

LEROY® Metric Standard Templates

With the exception of letter style,* LEROY Metric Standard Templates and Metric Technical Pens conform to the dimensional characteristics set forth in International Standard ISO 3098/1 for Technical Drawings and Lettering. This International Standard specifies the characteristics of lettering used on technical drawings and associated documents. It concerns primarily the features of legibility, uniformity, and suitability for microfilming and other photographic reproduction.

LEROY Metric Standard Templates are made from twelve individual layers of permanently laminated specially engineered plastics. This extra-tough construction provides outstanding dimensional stability and wear resistance. The sharply defined engraving of completely formed characters in LEROY Templates assures the precise, clean, crisp highly uniform letters which have been the hallmark of the LEROY Lettering System.



Template features new 15° slant setting. The 15° position is recommended as maximum slant for maintaining legibility in reductions. Just set the distance between the pen and tracer pin equal to the distance between the positioning targets on the template and the scriber is set to produce a 15° slant.

61 0260 LEROY Metric Standard Templates—Available individually in 9 Metric Standard character sizes (11 separate template sections). All 9 sizes produce capital and lower case letters, numbers and symbols. When ordering, specify size.

Produces uniformly proportioned characters throughout the entire Metric Standard letter size range by maintaining a constant ratio of letter height to line width.

Letters & line widths shown actual size

LEROY

letter height 20.0 mm/line width 2.0 mm

LEROY M

letter height 14.0 mm/line width 1.4 mm

LEROY METR

letter height 10.0 mm/line width 1.0 mm

LEROY METRIC ST

letter height 7.0 mm/line width 0.7 mm

LEROY METRIC STANDARD

letter height 5.0 mm/line width 0.5 mm

LEROY METRIC STANDARD LETTERIN

letter height 3.5 mm/line width 0.35 mm

LEROY METRIC STANDARD LETTERING SET LEROY

letter height 2.5 mm/line width 0.25 mm

LEROY METRIC STANDARD LETTERING SET LEROY METRIC STANDARD

letter height 1.8 mm/line width 0.18 mm

LEROY METRIC STANDARD LETTERING SET LEROY METRIC STANDARD LETTERING SET LEROY ME

letter height 1.3 mm/line width 0.13 mm

Template No.	61 0260	-13	-18	-25	-35	-50	-70	-100	-140C	-140L	-200C	-200L
Character Ht. (Caps/Numerals)		1.3 mm	1.8 mm	2.5 mm	3.5 mm	5.0 mm	7.0 mm	10.0 mm	14.0 mm	14.0 mm	20.0 mm	20.0 mm

*The letter style produced by LEROY Metric Standard Templates is the same as that of the widely-used LEROY Engineering Standard Templates (K&E No. 61 0300 Series). This style forms the basis of LEROY controlled lettering systems throughout the world and differs from ISO letter style recommendations in certain letter shape characteristics only.

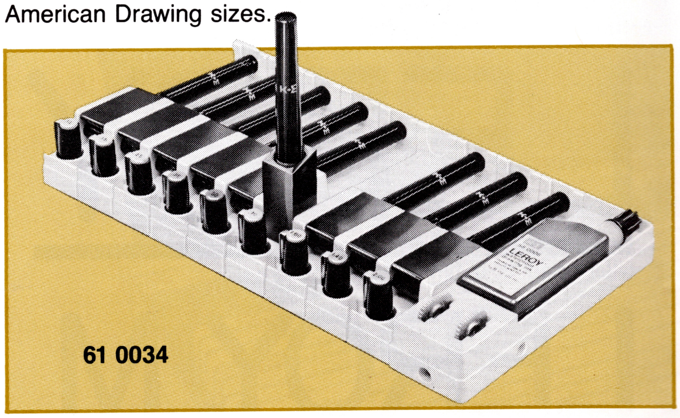
Microfilm Line Width and Letter Size Guide

Generally, microfilm image line widths of less than 15 microns (0.0006″) do not yield satisfactory blowback reproductions. The chart below indicates the suggested minimum line width (pen size) and letter height (template size) to be used when preparing a drawing that is to be microfilmed at various reduction ratios.

Reduction Ratio	4 ×	5 ×	6 ×	7 ×	8 ×	9 ×	10 ×	12 ×	16 ×	20 ×	24 ×	30 ×	36 ×
Min. Pen Size (mm.)	0.13	0.13	0.13	0.13	0.18	0.18	0.18	0.25	0.35	0.50	0.50	0.70	0.70
Min. Template Size (mm.)	1.3	1.3	1.3	1.3	1.8	1.8	1.8	2.5	3.5	5.0	5.0	7.0	7.0

LEROY® Professional Pens-Metric

LEROY Technical Pens-Metric have the same style and features of LEROY Professional Pens except that the points are in metric line widths correlated to the five standard American Drawing sizes.

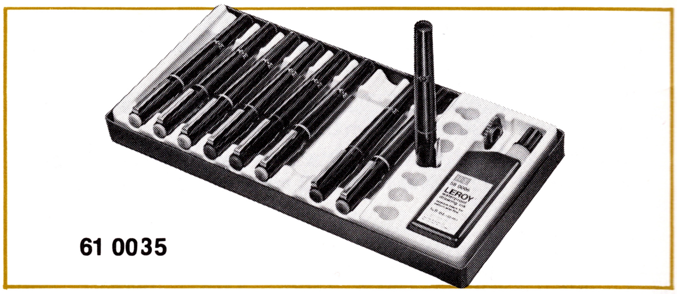

61 0034

61 0034 LEROY 9-Pen Dry Seal Selector Set, Stainless Tips — Contains 9 Technical Pens with stainless tips in metric point sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm and 2.00mm; dry seal pen caps; 9 modular Dry Seal Selector tilt holder units; 1 modular ink pack unit with ¾ oz. bottle LEROY ink, 2 nib keys, board clamp; clear plastic cover. Double dry seal feature in both Dry Seal Selector tilt holder and pocket-clip pen cap to assure quick starts whether pen is stored in DSS holder or pocket.

61 0042 LEROY 9-Pen Dry Seal Selector Set, Jewel Tips — Same as 61 0034 but with jewel tips for outstanding wear resistance and exceptionally smooth drafting. Will outlast stainless tips many times over.

61 0032 LEROY 4-Pen Dry Seal Selector Set, Stainless Tips — Contains 4 Technical Pens with stainless tips in metric point sizes: 0.25mm, 0.35mm, 0.50mm and 0.70mm; dry seal pen caps; 4 modular Dry Seal Selector tilt holder units; 1 modular ink pack unit with ¾ oz. bottle LEROY ink, 2 nib keys, board clamp; clear plastic cover.

61 0040 LEROY 4-Pen Dry Seal Selector Set, Jewel Tips — Same as 61 0032 but with jewel tips.


61 0035

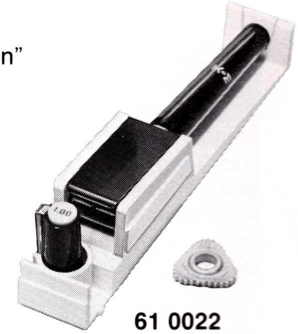
61 0035 LEROY 9-Pen Set in Basic Selector Tray, Stainless Tips — Contains 9 Technical Pens with stainless tips in metric point sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm and 2.00mm; dry seal pen caps; ¾ oz. bottle LEROY ink; 1 nib key; basic selector tray with provision to hold 7 pens in upright position during use.

61 0043 LEROY 9-Pen Set in Basic Selector Tray, Jewel Tips — Same as 61 0035 but with jewel tips.

61 0033 LEROY 4-Pen Set in Basic Selector Tray, Stainless Tips — Same as 61 0035 but with 4 pens, dry seal pen caps, ¾ oz. bottle LEROY ink and 1 nib key. Pen sizes: 0.25mm, 0.35mm, 0.50mm, 0.70mm.

61 0041 LEROY 4-Pen Set in Basic Selector Tray, Jewel Tips — Same as 61 0033 but with jewel tips.

Modular concept provides "add-on" flexibility to suit your exact needs


61 0022

Individual Metric Pens

***61 0022 LEROY Technical Pen, Stainless Tip, DSS** — Cap, nib key and Dry Seal Selector Module. Available in 9 metric point sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm and 2.00mm.

***61 0025 LEROY Technical Pen, Jewel Tip, DSS** – Same as 61 0022 but with jewel tip.

***61 0023 LEROY Technical Pen only, Stainless Tip** — With cap and nib key. Available in 9 metric point sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm and 2.00mm.

***61 0026 LEROY Technical Pen only, Jewel Tip** — Same as 61 0023 but with jewel tip.

Metric Replacement Points

***61 0024 Stainless Steel Replacement Points** — Available in nine sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm, 2.00mm. These points will also fit all LEROY reservoir pens.

***61 0027 Jewel Tip Replacement Points** — Same as 61 0024 but jewel tip.

***61 0030 Tungsten Carbide Replacement Points** — Same as 61 0024 but with tungsten carbide tip.

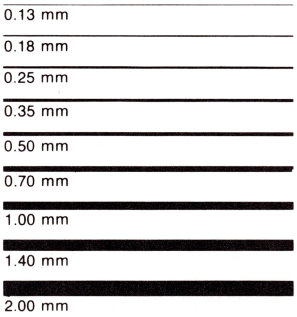
61 0031 LEROY Pen Holder only — Adapts LEROY reservoir pens 61 0051 and 61 0053 for use in Dry Seal Selector unit.

LEROY technical pen for new Metric Drafting System. Based on International Standard ISO 3098/1 for technical drawings and lettering, brings true standardization to the industry.

Here's how it works. LEROY technical pens are available in nine metric point sizes: 0.13mm, 0.18mm, 0.25mm, 0.35mm, 0.50mm, 0.70mm, 1.00mm, 1.40mm and 2.00mm. These point sizes are in a geometric ratio of 1.414 ($\sqrt{2}$) between progressive line widths, thus forming a direct correlation with the ratios of the 5 standard American drawing sizes. In addition, the line width ratios of LEROY metric points correlate directly to the reproduced line widths in microfilm reductions and blowbacks.

For example, if an original drawing is reduced on microfilm and subsequently blown back to half size, revisions could be made directly on the blowback with the LEROY metric point two sizes smaller. Similarly, if the blowback is one size smaller, the revisions would be made with the LEROY metric point one size smaller than that used on the original.

Metric line width chart



pen no.	color code	metric point size	inch equivalent
13	violet	0.13 mm	.0051″
18	red	0.18 mm	.0071″
25	white	0.25 mm	.0098″
35	yellow	0.35 mm	.0138″
50	brown	0.50 mm	.0197″
70	blue	0.70 mm	.0276″
100	orange	1.00 mm	.0394″
140	green	1.40 mm	.0551″
200	lt. grey	2.00 mm	.0787″

Line widths in accordance with International Standard ISO 3098/1 for technical drawings and lettering.

*Specify Size

LEROY® Accessories

LETTERING INK

58 0006
58 0005

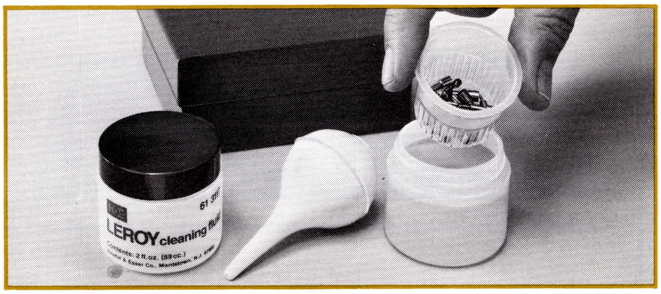
58 0005 LEROY Waterproof Black Lettering Ink — In pen filler cartridge. This ink is manufactured for K&E by the makers of Pelikan Ink to a special formula for use with LEROY Pens. The cartridge is particularly convenient for filling the pens easily and cleanly.

58 0006 LEROY Waterproof Black Lettering Ink — In handy ¾ oz. plastic bottle.

58 0007 LEROY Waterproof Drawing Ink—Super black ink for use on Herculene® Drafting Film. Available in 3/4 fl. oz. plastic pen filler bottle or box of 12 bottles.

58 0008 LEROY Waterproof Drawing Ink—Opaque black for use on vellum. Available in 3/4 fl. oz. plastic pen filler bottle or box of 12 bottles.

PEN CLEANERS



61 3115 LEROY Cleaning Kit — A convenient way to clean LEROY Pens. Consists of 2 oz. bottle of LEROY Cleaning Fluid 61 3117 with plastic sieve for soaking pens. Water bottle with sieve for washing pens, and rubber bulb for drying insides of pens after washing. In handy container for desk drawer.

61 3117 Cleaning Fluid, for LEROY Pens, 2 oz. bottle.

61 3120 Cleaning Fluid, for LEROY Pens, 1 qt. bottle.

61 3123 Plastic Sieve, fits bottle No. 61 3117 and tank of Cleaner No. 61 3125.

61 3126 LEROY Ultrasonic Cleaner–A compact sized unit that quickly and efficiently cleans LEROY Pens and all types of artist and draftsmen pens. Just immerse the tip of the pen into the cleaner to start ink flow. If pen is dried up and clogged from long disuse, the 80,000 cycle per second action will free the parts so that the pen can be disassembled without damage. LEROY Pen Cleaning Fluid 61 3117 is recommended.
Cleaning cup/tank dimensions: 2½″ diameter, 1½″ deep.
Unit dimensions: 4½″ x 3¼″ x 3⅝″. Operates on 115 volts, with automatic frequency and load control (approx. 80KHZ). 3-wire grounded cord and 1-amp replaceable fuse.

61 3127 Ultrasonic Cleaner–220 volt model.

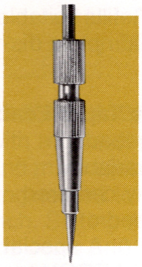
LEROY 022 PENCIL

61 0198 LEROY 022 Pencil — For uniform pencil lettering without the need to stop and repoint. Draws a sharp, clean .022 in. line that never varies in width. This top loading pushbutton mechanical pencil, with automatic feed, projects a 1/32 in. length of lead by pressing and releasing the button. Furnished with 6 leads in barrel. Length overall, 4¼ in.

61 0199 LEROY 022 Refill Leads — 2 3/16 in. long, .022″ diameter, 2H degree, tube of 12. For 61 0198 Pencil.

61 0205 LEROY 020 Refill Leads — ⅝ in. long, .020 in. diameter, tube of 24. For discontinued model 61 0200 "020" Pencil.

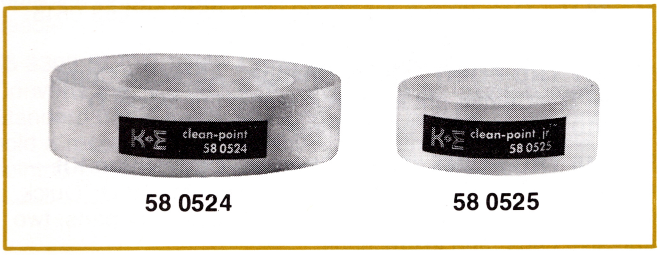
LEAD CLUTCH



61 0210 Lead Clutch — For pencil lettering work with any LEROY Scriber. Holds regular draftsmen's leads from .070 in. to .090 in. diameter. This efficient clutch grips the lead firmly so that it will not slip back with pressure on drawing surface. Leads can be pointed in the No. 58 0500 VARI-POINT Lead Pointer or the No. 58 0515 TRU-POINT Lead Pointer without removal from the clutch.

61 3015 Leads — 2 in. long, 6 in tube, for Lead Clutch No. 61 0210.

LEAD CLEANERS

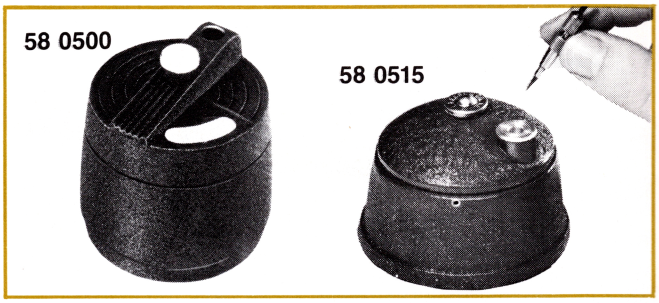


58 0524 CLEAN POINT Pencil Lead Cleaner — For cleaning loose dust particles off mechanical pencil lead points after sharpening. Lead is simply inserted into polyfoam ring and withdrawn for quick, easy removal of particles. The ring is designed to fit around VARI-POINT® and TRU-POINT lead pointers. Box of three rings.

58 0525 CLEAN-POINT JR. Pencil Lead Cleaner — Similar to 58 0524 but is disc-shaped and has pressure-sensitive adhesive back for attaching to any surface. This feature makes it especially good for use on drafting boards and in schools. Dispenser box of ten discs.

LEROY® Accessories

LEAD POINTERS



58 0500 VARI-POINT® Variable Taper Lead Pointer — Designed for sharpening leads in Draftsmen's Mechanical Pencils and LEROY® Lead Clutch. By adjusting length of lead, short, medium, or long tapered points can be made. The gauge lines on top of the pointer serve as a guide for adjusting lead length. An adapter is furnished for use with LEROY Lead Clutch 61 0210. Heavy, durable die-casting keeps pointer in place. Screws furnished for permanent attachment.

The abrasive cup is complete unit and is easily replaced. Simply remove the old cup and slip new cup into position. No need to press or fasten liner. Finger smudging is entirely eliminated

58 0503 VARI-POINT Abrasive Refill Cups — Refills suitable for sharpening both graphite and plastic leads. Complete disposable units. Package of three.

58 0515 TRU-POINT "Quick Change" Variable Taper Lead Pointer, Model D—This pointer, for sharpening leads in Draftsmen's Mechanical Pencils to points with variable tapers, also sharpens LEROY® leads to perfectly centered points of correct length and taper without the need of removing them from LEROY Lead Clutch 61 0210. A special bushing is furnished with the Pointer for shaping LEROY leads.

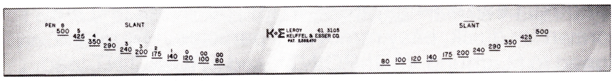
Weighs 23 oz.; has non-skid base which holds firmly on table. Replaceable "Quick Change" Model D abrasive cup will ordinarily last three or four months.

58 0516 TRU-POINT "Quick Change" Abrasive Cups, Model D—Regular grit, for Model D 58 0510 and 58 0515; box of three.

58 0517 TRU-POINT "Quick Change" Abrasive Cups, Model D—Coarse grit for plastic leads. For Model D 58 0510 and 58 0515; box of three.

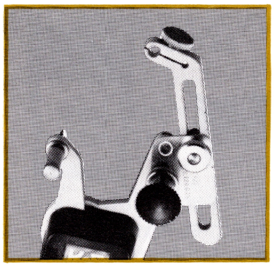
58 0518 TRU-POINT "Quick Change" Conversion Kit—Converts old model TRU-POINT to accept Model D "Quick Change" abrasive cup. Kit contains all necessary parts, two abrasive cups, and instructions.

STRAIGHTEDGES

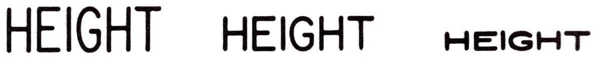


61 3105 LEROY Line-spacing Straightedge — Luxylite, 15 in. long, 1⅜ in. wide. Shows immediately where to place LEROY template to give first line of lettering exactly where it is required. Used with any LEROY template up to size 500, it readily determines spacing between lines best proportioned to height of lettering.

LETTER SIZE ADAPTER

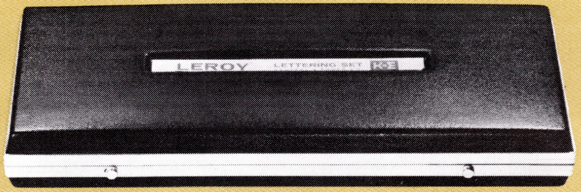


61 3100 Letter Size Adapter — For extending or condensing LEROY Lettering. With the adapter, used with Scribers Nos. 61 0004, or 61 0006, the height of letters or numerals drawn with any LEROY template can be increased or decreased by amounts up to one third of their normal height. The width of letters and numerals is not changed.

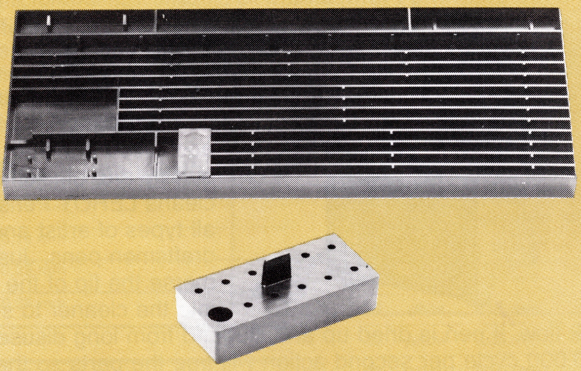


All three examples above were lettered from the same template (size 175C). In the center is standard lettering (without the adapter). To right and left are examples of maximum variations in height that the adapter gives.

CASES WITHOUT CONTENTS

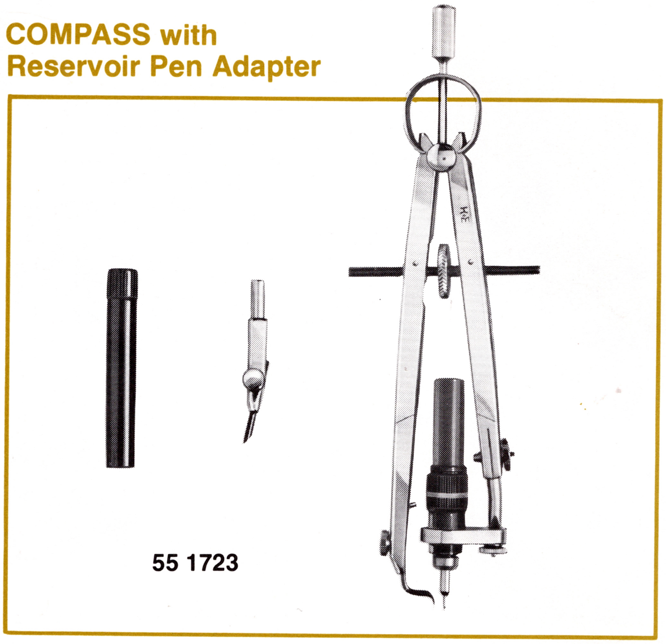


61 2946 LEROY Case —Formed plastic, with removable plastic tray and pen block, as furnished with LEROY standard sets.



61 2986 Plastic Tray and Pen Block — One piece tray and removable pen block as furnished with LEROY standard sets.

COMPASS with Reservoir Pen Adapter

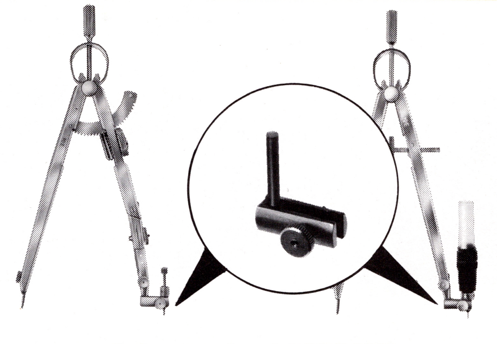


55 1723

These large Bow Compasses, with LEROY Reservoir Pen Adapter and Bent Needle, are designed to draw accurate circles as small as .040″ (1 mm). Will accept LEROY Reservoir Pens 61 0051, 61 0053, and LEROY Technical Pens 61 0023 and 61 0026. (Pen is not included with compass.)

55 1723 Mark I Large Bow Compass—6½″, hard brass, highly polished and chrome-plated; knee joints in both legs. With pen adapter, bent needle, interchangeable pencil insert, and lead box.

55 2873 APOLLO® Large Bow Compass—6½″, hard brass, matte-chrome finish, insert leg has knee joint. With pen adapter, bent needle, interchangeable pencil insert, and lead box.

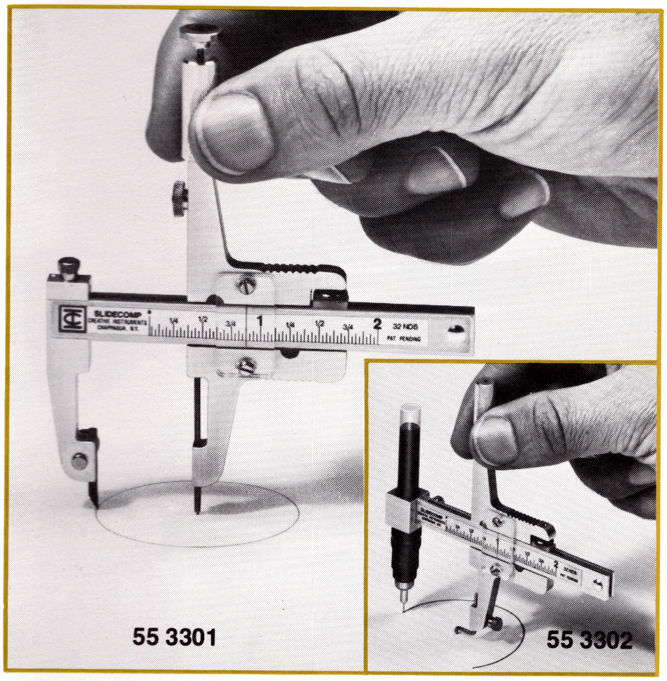


Compass Adapter for LEROY Pens

55 3280 Compass Adapter for LEROY Pens — Enables draftsman to use LEROY Reservoir or Standard Lettering pens with a drawing compass or bow pencil to obtain precise-width ink lines. Adapter shaft fits into lead holder of compass and is adjustable so that pen may be set perpendicular to the drawing surface regardless of the bow opening.

Also ideal for use with LEROY 022 Pencil No. 61 0198 for uniform, fine line pencil work.

SLIDECOMP* Compass



55 3301

55 3302

55 3301 SLIDECOMP Compass — A direct reading compass with two scales—graduated to 32nds of an inch on one side and millimeters on the other. This precision instrument is engineered to give repeat positioning accuracy of ±.005 per inch. Setting the compass is accomplished simply by sliding the scale and lining up the desired circle size with the hairline indicator. Its minimum radius setting is .040 inches (1 millimeter) and its maximum radius setting is 2 inches (50 millimeters).

The SLIDECOMP compass can quickly convert to a drop compass. It may also be made into a precision divider by replacing the lead with a 2 millimeter diameter needle. The needle is included with the compass.

55 3302 SLIDECOMP Compass Conversion Kit— Converts the SLIDECOMP compass to an inking compass. Standard bar is easily replaced with a bar that is designed to hold a reservoir pen. Kit includes bar and a bent needle point to compensate for the center point change.

55 3303

55 3303 6″ Trammel Bar — A six inch trammel bar converts the SLIDECOMP Compass into a direct reading beam type compass that can make circles with a radius of 6 inches. The trammel bar holds a LEROY reservoir pen. The direct reading scale is divided into 32nds of an inch.

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*Reg. T.M. of Creative Instruments

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